A Complete Bibliography of IEEE/ACM Transactions on Computational Biology and Bioinformatics

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Title word cross-reference

((1, 2) [BJ13], (., 2) [KO15], (1.5 + ϵ) [CWZL08], (L, d) [CW11, DBR07, Tan14], 1 [APPG18], 1.375 [EH06], 1/31β [LCH19], 2 [BLR15, HZL19, KD15, LBQ+13, SSF18], 2+ [LCOMG14], 3 [ARP+16, BWRF12, CWT+19, CBF+18, GPF+20, GH15, HS15, KL19, KSMT19, LQV+13, LHQ+18, NPK+07, RG16, RWH+10, Str11, SSF18, VMD+08, YLH+15, YCZ+18], 4 [LBQ+13, MCRC17], 13 [AAG+18], 2 [LWL+20], 3 [PM20, YLY+12], ATP [BMH+16], α [MRB12], β [AAE11, BMH+16, DNS19, YXS16], ℓ1 [CMR19], ℓ2 [JXN+16], F2 [BCS11], G [LBQ+13], K [CZ20, ARZ+14, PFJ+19, ATX21, AC12, AFJ12, HC14a, IM14, LMZ14, PSC20], Lp [LLT10], λ [SPA17], M [ZWZ16], N [LZGZ14, MRK18, SL+19, KNTB18], O(m log m) [SSS+15], O(N 2) [BHS+04], O(n log n) [WLY14], Ω(n lg n) [BE08], P [VTGC16, UVK18], q [CZX19], R [MTNH17, Pol13], S [SP11].


-Exemplar [BJ13]. -Gram [CZX19].

-grams [LZGZ14]. -Helix [MRB12].

-Information [AC12]. -Labels [MRK18].

-Linked [SL+19]. -Matrix-Based

\( K \) [BCFCC13].


3' [MSH+11]. 3b [LGN+19]. 3gClust [HCN+19]. 3ST [HS08].

4 [CSZ+19].

50 [YKG+21].

7th [GJH19].

9 [LFZ+19].


adverse [XLC+15]. Advising [DK17].
Aerial [ZD17]. Affective [HLSR18].
Affinity [AM12, EMDH11, WOYL17, ZWXS12, AM15, CWZW15, DKS+15].
Affymetrix [LUdSCH10, MSH+11]. African [FMA+20]. Against [KKC16].
Age [FS13b]. Ageing [FFT16, WDX+15]. Ageing-Related [FFT16].
Agents [NSMH19]. aggregate [SLS+14]. Aggregation [APPG18, BRF17, GSC17, SMB12, SPMB13, YOKI09]. Aging [TC13, YFCM17, FZM15].
Agnostic [AALD17]. Agreement [BN06, GB10, RBdlVMPG16, SCPS12].
Aided [gCLL+10, MVS+13]. Airflow [RSCX18]. Airway [RSCX18].
AkaneRE [SYM+10]. Albumin [RTA+16]. Algebraic [FM13, LW13b, ZXB11].
Algorithm [ALR+13, ATX21, AALD17, BHS+04, BPV+11, Bi09, BKLS18, BS08, BHP19, CFOS06, CC09, CAW+19, CBP+18, CWZL08, DT11, EH06, FWXZ19, FM12, FMD18, GZFT15, GSC+18, GAGM11, GKO8, GPMH16, Gra04, HBH19, HWPE17, HBC+11, HHYH07, HLSR18, HDS+18, HLH11, HvIKS11, KCD+12, KSMT19, LHL+19a, LTaS13, LCLL10, LLHF15, LLLH+17, LTL+19, LLZ+20a, LX21, LLW10, LW21, LJJZ13, LT07, LWS+20, MLW+12, MGXS15, MTSC010, MPS18, MCD+11, MG19, MLZ+17, MB16, MM17, NCT007, NP13, NDP+17, ORCJ13, OMWX09, OP11, PAL+12, PLCW17, PK13, PBJ12, RMV12, RJSK13, SDS18, SREK19, SAE+20, SS04, SIM12, SSS20a, SV16, SR10, TZZP17, UJ09, UWLH15, UAH16, WLC11, WLMW16, WNW16, WHD08, WLC11, WMS09, XHQ+18, XCR21, XWC15, YWK+07, YCYC12, XXYX13, YCO8, ZWL+12, ZZZC17, ZHH18a, ZWM+20, ZLJT17, ZW13, AMBK14, CFIS+15, DST+15b, FWY+15, GRDV14]. algorithm [GM14, GÄVRRL15, HLW15, ARZ+14, Nye14, PWZW15, PWC+15, RHH16, SHK14, SSKH15, STT+14, SSS+15, XMM+16, YHV+15, ZSY+14].
Algorithms [AKS13, ASI+11, AAE11, BEW09, BAK06, BBK+07, BG17, BM13, CMR19, CEBBS06, CW09b, CW11, CW12, Che13, CAN+08, DBR07, GH08b, HK12, HCLS11, HYW08, HKM+18, JRS18, Jia10, KB19, LNC+05, LCC+11, MO04, Mai09, MSP+19, MVVR19, MVVR20, MVVR21, MWSM12, NS19, NSNA19, PG18, PH10a, POS+18, Pol13, RZMC17, RAA10, SK08, Sh10, SHUP19, SLH+06a, SDB+07, TS18, TRKCR13, WL11, Wan12, WL19, WBE13, WCLY12, XZG+18, YLCC13, YDM+08, ZD12, ZZ18, vIKKS08, vIJJ+20, PSK+16, Tan14, ZHL+14].
Alignable [PS11]. Aligned [LSTW+17].
Aligner [EMK18]. Aligning [GTL+21, WL14, YICW+15]. Alignment [AH11, AKL17, AGMP09, BTTR11, BAK06, COW04, COW20, CGPW06, DBZ12, DK17, DK13, DBN18, ECK16, FGKH11, FMD18, GPMH16, HT09, HGM18, HB11, IGM+07, JZW17, AKD17, KG20, KK08, LNR+09, LPR+08, MLW+12, MGK08, MKH11, MG19, MGK17, NP13, NSZK15, PHX+08, Pol11, Pol12, Pol13, RCM+19, RGN+09, SH11b, SLH+06a, SSWF12, TRKCR13, TDK13b, TED+12, TDA+09, TTWR13, VM18, WS08, WLMW+11, WHKK07, WAK13, WB11, WCLY12, Xu05, YLL+06, YH13, ZLLS17, ZGB+12, CV14, FZM15, FSL+15, MG14, PSK+15, SHS15, SCC+15, SPF14, XXM+16].
Alignment-Free [YH13, CV14].
Alignments [BDD+10, HVG04, HPL+13, PT09].
All-Mapper [CZX19]. Allele [BBSP08, DLM12]. Allowing [AGMP09]. almost [WLY14]. along [AGMP09].
Applications

[AAP06, AJD+12, AKS13, AC12, AHT+18, AKR12, ASI+11, BA18, BHMMCL16, BCVS19, BCL13b, CCA12, CSW11, CW09a, CGW+16, CKWY12, CW08, CAN+08, CHK17, DBN18, FJJ11, FYZ+19, Gon13, GET13, GDM12, GG11, HZ+17, HM13, HLHAJ20, HVG04, HMK+07, IGA18, ISK18, JMA17, JZW17, KCD+12, KHO+20, KB20, KCP18, KSS15, LQV+13, LRR08, LTM+13, LH10, LFZ+19, LMZL17, LGB15, LHC18, MRB12, MPF12, MKG20, MSJP19, Mamt05, MSB19, ME19a, MM+13, MNND13, MV+13, MPY18, MGK17, MGS17, MWLS18, NSC17, NO09, OC13, PB19, PSPM20, PV+12, PR12, RKDR11, RV+06, SP11, SVZ09, SSS+11, SBW15, SK+19, SLX+18, SH11b, SYKM17, SW09, SLL+19, TWW+20, TZ+16, TDZ+19, TBG10, TBR11, TTR13, TC13, VRK12, VMZ17, WYY+13, WLL+09, WSX11, WWL+17, YHZ+19, YLL+06, WZW16, ZwGC17, ZWHC19, ZHG20, ZS18, ZAZ11].

Approach

[AAP06, AJD+12, AKS13, AC12, AHT+18, AKR12, ASI+11, BA18, BHMMCL16, BCVS19, BCL13b, CCA12, CSW11, CW09a, CGW+16, CKWY12, CW08, CAN+08, CHK17, DBN18, FJJ11, FYZ+19, Gon13, GET13, GDM12, GG11, HZ+17, HM13, HLHAJ20, HVG04, HMK+07, IGA18, ISK18, JMA17, JZW17, KCD+12, KHO+20, KB20, KCP18, KSS15, LQV+13, LRR08, LTM+13, LH10, LFZ+19, LMZL17, LGB15, LHC18, MRB12, MPF12, MKG20, MSJP19, Mamt05, MSB19, ME19a, MM+13, MNND13, MV+13, MPY18, MGK17, MGS17, MWLS18, NSC17, NO09, OC13, PB19, PSPM20, PV+12, PR12, RKDR11, RV+06, SP11, SVZ09, SSS+11, SBW15, SK+19, SLX+18, SH11b, SYKM17, SW09, SLL+19, TWW+20, TZ+16, TDZ+19, TBG10, TBR11, TTR13, TC13, VRK12, VMZ17, WYY+13, WLL+09, WSX11, WWL+17, YHZ+19, YLL+06, WZW16, ZwGC17, ZWHC19, ZHG20, ZS18, ZAZ11].

Approximate

[ACPR10, HC14a, RFB20, ADTAQ16].

Approximated

[PPFG20].

Approximating

[BPV+11].

Arabidopsis

[MCRC17, MVW+13, TRKRC13, WWL19].

Arbitrarily-Sherpted

[BG13].

Architecture

[ST19].

Approach

[ZZH18b, BHW+14, CZWT15, CA14, GZGX14, GJPSV14, KD15, LCCZ15, LZGZ14, MG14, MM14a, MM14b, PSK+15, SDA+14, SLW15, SEC15, TYL+16].

Approaches

[Ano05b, BM08, BH06, GM16, HEE+18, AKD17, MCDD12, RZF07, YB08].

Approximating

[QSJ+20].

Approaching

[QSJ+20].

Approximation

[BS08, CP13, CC09, CW09b, CHNW20, CWZL08, E0H6, FL18, HZL19, HBC+11, Jia10, LJJZ13, Mnc09, NPBD16, ZSY+14].

Approximations

[RdJ11].

Assemblies

[GAJ+18].

Assessing

[ARK20, PT09, SMSZ17].

Assessment

[AM12, CLVT+20, DBK18, DBK18].
Bidirectional [CC07, TR07]. Bifurcating [CBM+20]. Big
[WWYX16, JZCZ15, LHS16, WLC+15].
Bijective [GE18]. Bilinear [HL+13].
Billera [WYH17]. Binarization [HMW+12]. Binary
[BG12, CCCY20, HYW+17, KB17, KB19, PK13, WLA+13, YNB05, YOK09].
Binders [CPQ08]. Binding [AM12, BCD+21, CHZ+16, EMDH11, GLW12, HZTP12, HLZ+17, IDD13,
LSTW+17, LPH18, LFF18, MGL+12, MGXS15, MWZY17, PLF12, PIPC18,
RTA+16, SDH20a, SDH20b, SLRQ19, WP08, WLL13, WPL15, WLPW16, WZ13a,
ZCG+18, ZZH19, ZZBH20, ZLX+20, ZZDY13, AM15, DKS+15, LHWC15,
PSK+15, STT+14, WSTL+15]. Bindings [HBRU13].
Biogeography [GGJ+06]. Bio
[WWYX16, JZCZ15, LHS16, WLC+15]. Biological
[AAF+13, ASP20, ATA+17, ACCT20, AFJ12, AFAAW+11, ABVD12,
BDS12, BVBF+11, BJZM15, BWRF12,
CMR19, CMS12, CNM11, DFTC12, DBN18,
DKY21, ED15, FPPR11, GLS+16, GPHM16,
GLG10, GHL05, GM16, HB05, HY16,
JRN+18, KJL1c, Kuk13, LBM+18, LLH+07,
LN13, LWZ12, LZ+20b, LW20, MO04,
MJP20, MBGP12, MNND13, MSS+19b,
MVS+13, MB16, NAHT+20, NNM+12a,
NNM+12b, PFF+19, Pau18, PR18, PLCW17,
PPZ12, PCK19, PPZ12, RYK+19, RA16,
SFB+08, SDOD+12, SDN+11, SJZ19,
SZL+20, TV11, TDK13a, TDK13b, VBB18,
WLWN17, WL+17, Wig15, ZLF+21,
ZWZ+16, ZKW+20, ZGZ+20, ZSY+14].
Biologically
[BB11, KP12, SMK+12, TNQ08]. Biology
[ALWG18, Ano05b, Ano09c, Ano12b, BLP18,
BU17, Cas06, Cas07, CSW11, CN12, FS12,
FS13a, FJJ18, GCZ18, GTTR+17, GJH19,
Gus04b, HK07, HSS18, Jam13, JFN11,
MVVR19, MVVR20, MVVR21, Maz12,
MCD+11, RZF07, SPK19, SYL19, SGH12,
TS18, Tit16, TC13, WYWX16, WH11,
WCXL18, Zha16, ZS19, KG15, TWZ+14].
Biomarker
[ALQ17, CBM+20, KGF+14]. Biomarkers
[DHCW18, SQZA14]. Biomedical
[BMHS13, DDZ+21, HLL+18a, HW07,
HDS+18, JLH16, LHLY11, LLQ+16, LLQ20,
LJ20, LTwG+11, LNC+05, LQY+20,
MCC16, NAHT+20, OLZ11, Ozy12, QK+18,
WCMZ15, WB17, WGX+17, XLL+18,
XLL19, YRL+20, ADTAQ16, GFG16,
JZCZ15, MKARB16, Vog15].
WLCX18, WQY18, WLHY19, WDS+12, WGK16, WW19, XH018, XLL+20, XW07, XPH20, YLC13, YZP+21, YCCY20, YLY+12, YCCM12, YGY+19, YOK109, ZHSS07, ZLH+17, ZZ18, ZLXL19, ZW19, ZY20, ZS19, BHW+14, JR14, KPB14, LLCZ15, LWM14, MFS+15, Mir14, SRL14, TWZ+14, XLL15, YCY+15.

Cancer-Associated [KCP18].
Cancer-Related [PZH0, RYK+19].
Cancers [LGW20, LWL+20, ZMP+14].
Candidate [HYR+19, ZSRPZ19].
Canonical [DLY+21].
Capabilities [BLP+12, MM14a].
Capsid [XS17].
Cardiac [PSK13].
Cardiomyocytes [WBP+12].
Cardiovascular [PCGS05].
Cargo [WCLY20].
Carlo [ADTAQ16, AKV16, Bi09, GJY+14].
Cascade [HYC19].
Cascade [CC07].
Case [CSSS16, GSC17, IYA12, OMA+12, SCCDK09, ZW17, ZMT14].
Categories [KO15].
Categories [ZHY12].
Caterpillar [DR16, Ros13].
Caterpillar-Like [DR16, Ros13].
caudatum [IAOS16].
Causal [BD19, JBGLS19, LHL+19a, LLL15, LHC18, YM20, YNN+18].
Causality [ARK20, LL18b].
Causation [ZLL+20].
Cavbase [KFHK14].
CaverDock [FVP+20].
Cavities [SCM19].
CCA [GLW12].
CCH (LL19).
cDNA [BDP11, BZ10, GK08, HC16, NU06, RCGB05, RV06, SBW15, SYZ+13, TZY11].
CDS [SSS3a].
CEDER [WS12].
Cell [BMH+16, BRF17, BU17, BM20, BCFCC13, CSSS16, CLZ+18, CAW+19, CBM+20, DCHW17, DAB17, FKL07, GGH+13, GTBT16, HCA+10, HGC+20, JGBR15, KBND19, LHQ+18, NFM+12, PN17, SYL19, SCM19, TRKRC13, WCLY20, WWC18, XHY+18, YOGY11, YDBG10, ZSM17, ZZ20, ZWL11, ZWW17, GBT14, MFS+15, WZ14, ZHL+14].
Cell-Based [SCM19].
Cell-Centered [SYL19].
Cell-Cycle [HRO17].
Cell-Free [CLZ+18].
Cell-Penetrating [WCLY20].
Chain [BRF17].
Cells [DAVF+10, Gou06, HKT+18, PPFG20, SDA+06, TAI+19, BLR15, LCOMG14].
Centrality [LLN17, YM20, TWZP14].
Cervical [DZH16, PM20].
CFS [HLR18].
CGH [CW09a, PS15].
CGIDLA [XYZ20].
Chain [AKS20, CSZT19, GJY+14, KCZ+15, LTaS13, LBL12b, MPY18, SMB12, Vis18, WZ13b, YXM16, GBLZ14, LTaS13].
Chain-RNA [LTaS13].
Chain-Shaped [AKS20].
Challenge [gCLL+10, CLM10, BS10].
Change [CW09a, LHWL15, SKK14].
Changes [ATA+17, KKI20, RB16].
Channel [BMH+16, BM17, GBS11, JLW17, WBP+12].
Channels [KL11c].
Chemical [CYT13, MEOL14].
Character [WL16, WLA+13].
Characteristics [KSN+12, WWL19, ZLS+19].
Characterization [BM12, DRS12, HLF17, LSB+11, RSP08].
Characterize [NH+17].
Characterizing [TDK13a, LKLB14].
Characters [BFK17].
Checker [EES14].
Checking [BBK+12, BCFCC13, RdMCBC13].
Chemical [AFM19, CKB21, HLM+13, KY19, LR20, SMI11, NSNA19, SCCDK09, YSC13, ZYN+19].
Chemical-Chemical [KV19].
Chemical-Disease [ZY+19].
Cheminformatics [RBdvMPG16].
Cheminformatics [SHJ11].
Chemotaxis [IAOS16].
Chief [Ano08c, Ano12b, Xu13, Xu14a, Xu15, Zha17].
Child [CRV09, FS18].


HC19, HC13, HRdR09, LLNW17, MTNH17, MVS+13, PG06, SvdsS+18, SJZ19, TGD+16, TP18, WLHY19, WOYL17, WW19, XL16, ZLY+13, DWZ+15, TYL+16].

Complexes [FJJ11, HK20, HZL+20, HYL+19, KSK+18, LLH+07, LMZ+20, OYDZ15, YSGZ20, YB08, ZDL12, CWZW15, PWZW15, XG14, ZZ15, ZWL+14b].

Complexity [BN06, BCF+07, BS09b, BLS12, CEFBS06, HKM+18, KB17, LLW10, PH10b, Pol12, RZMC17, TZP17].

Complicated [HWPE17].

Component [BKLS18, BSLR05, CXW+13, DSHM08, Gos11, GPC+20, Han10, JDCC12, LXG+16, SDCW11, dCAR11, LLH+14].

Component-Based [Gos11].

Compilable [Gos11].

Composite [Wan16].

Composite-Protein [CZW+18].

Comprehensible [FWA10].

Comprehensive [GSK13, JDHL20, SGH12, WWBZ19, YZG+19, YOGY11].

Compress [GDM12].

Compressed [CW07, GRS+13, MDM13].

Compressing [CZG+18].

Compression [CGLF12, CWLS15, CLS19, How13, KT07, KBSCZ12, LN17, WL13a, WHWP12, Mat15].

Computation [CZG+21, CHNW20, KK19, SSK+20, TWG+12, Wt10, GFG16].

Computational [AJD+12, ANR11, ATA+17, ALWG18, Ano05b, Ano09c, Ano12b, BLB18, BBSP08, BRZ+17, BCF+07, BMZM15, Cas06, Cas07, CN12, DBN18, FS12, FS13a, GCZ18, GLL+18, Gs04b, HKK07, HSS18, Jam13, JHH12, KZW+18, LHH13, LHL+19b, LHY+11, LWL+19, MTNH17, MVVR19, MVVR20, MVVR21, MBP+18, Maz12, NSA19, PLMV12, PM20, PH10b, RZF07, RG16, RCBB19, SK08, SBW15, SPK19, SYL19, SWX+19, TS18, Tit16, WYWX16, WWT+20, YB08, ZDL+19, ZZ20, MM14a].

Computations [ZXB11, ZSC+10, MKARB16].

Computer [MVS+13].

Computer-Aided [MVS+13].

Computerized [XPH20].

Computers [TIA+11].

Computing [APPG18, BGS+12, BS07, BS09, BBRF12, BBH12, BB14, GLS+16, GDWK+15, GSB+13, GJS11, HZR+19, HM13, HBG16, HBG17, HBG18, HBG19, HBG20, ME19a, MKS+17, MDH11, OP11, PK13, RP13, SNM08, TSLA18, TS17, UAH16, WS08, WYWX16, WL19, CFIS+15, GPScF15].

Concentrations [MKKS20].

Concepts [BMT17].

Concerning [BvdGK+11].

Concise [Son06].

Concurrent [MTM+15].

Concussion [WNT+17].

Condition [Gon13, MSQ18, RB16, Son06].

Condition-Specific [MSQ18].

Conditional [BLR08, LDM18, WWL+17, GGZZ14, LWG+14].

Conditioning [DBTB09].

Conditioning-Based [DBTB09].

Conferences [BLP18, FJJ18, GJJH19, HBG16, HBG17, HBG18, HBG19, HBG20, Kim18, MJ18, SPK19, STA15, ZLZ20, ESW14, HC15, WLC18, YSC19, ZC14].

Conferences [Kim18].

Confidence [MC07].

Configurations [SLH06b].

Conflict [BB04].

Confocal [MCRC17, BLR15].

Conformation [LW18, YDM+08].

Conformational [NZ16, LS+11, RJNN18, ZZY+17].

Conformations [LHTT11, LBL12b].

Confound [RKDR10].

Conjugation [HS08].

Connected [BVBF+11, HKLN14].

Connections [NRV09].

Connectivity [BMK11, MB20, MBP+17, PBV+20, WL07, ZSD08, YLH+15].

Conquer [OC13, SR10, KD15].

Consensus [ASI+11, CLC+17, JSA08, JRSS18, KWL07, Mah10, PAS+11, SPMB13, TGM+21, TBR11, TSCX11, WHS04, WCL11, WWC18, YLY+12, ZWSX12, YMT+14, YCY+15].
Conservation [DST07, MGL+12].
Conserved
[BMM06, CDKT09, CAN+08, HK12].
Considerations [WAG19]. Consistency
[BGHM09, SR06]. Consistent
[MMH15, MR10, PG06, STB+20].
Consolidation [DLM12]. Constant
[TZP17]. Constant-Time
[TZP17].
Constitutive [SDA+06]. Constrained
[FFH+11, GHL05, LSM+21, NWW19,
QD12, TWG+12, ARZ+14].
Constrained-INC [LSM+21]. Constraint
[SHUP19, WP08]. Constructed
[Wil11].
Constructing [BEQD19, BWRF12, DH04,
GHL05, LNZ+19, NWZ+20, SNM12, VRK12,
WH11, WLY14, WZZ+18, vBRKD+09, Nye14].
Construction [AAH+18, KBSCZ12,
LCMO18, LNC+19, MPA15, OC13,
WCL11, ZPW+19, ED14, LHS16, MW16].
Constructive [CH11, LH20]. Contact
[CPGW06, DF+11, Gra04, VMD+08,
KD15]. Contact-Map [Gra04]. Contacts
[KL19, KSMT19]. Contagion [FSD+11].
containing [FSL+15]. Content
[CAN+08, DBK18, GTTR+17, RKDR10,
SLS+14, TSM14]. contents [WLL+20].
Context [FIW12, NAHT+20, SLRQ19,
ZZCY+19, ZWL11, ZYN+19, FZM15].
Context-Awareness [ZWL11].
Contextual [DBTB09]. Contig
[LTL+19, MS10]. Contigs
[LHKL17, LCW18, WLL+20]. Contiguous
[ZWZS16]. Continuous
[ALQ17, CKRS21, CHW+18, CW08,
JLH16, JF11, RBBP18, SH11a].
Continuous-State [CHW+18].
Continuous-Time [SH11a]. Contour
[HLX+21, LK11]. Contrast [FYZ+19].
Contrast-Enhanced [FYZ+19].
Contrastive [JRN+18]. Contributors
[PKRD12]. Control [BD19, BHS21, FKB19,
GCB+18, HZL+20, IBN19, JZS+18, LT17,
LJ20, LLL+16, PPM+13, PLC+20, PSPM20,
QD12, SJ19, ZMST18, ZZM17].
Contrallability [CGW+18, TGD+16,
WWL19, ZMST18, LP15, SRLR14].
Controlled [MHS13, AKS13]. Controller
[iAOS16]. Controllers [iAOS16].
Controlling
[ANR11, SPA17, TWG+12, TGK13, Zha18].
Controls [HYL+20]. Conventional
[AM12, AM15]. convergence [GJY+14].
Converter [YW+18]. Convex
[BFK17, HZZY16, JDC12, WCO+19,
ZGDH16, WB17]. Convex-Relaxed
[ZGDH16]. Convolutional
[LLQ20, LLSY21, SDH20b, WYHZ20,
ZZH19, ZZBH20]. Cooperative
[GZFT15, XZG+18, ZLTJ17].
Cooperativity [JBP08]. Coordinate
[WWLL16]. Coordinates [FSB+11].
Cophenetic [ME19b]. Cophylogenetic
[WHBM15]. Cophylogeny [USMS19].
Coprocessor [MPA15]. Copula [HLL18b].
Copula-Based [HLL18b]. Copy
[BHMA06, CW09a, MW21, NVSH18,
SDCW11, TWW18, WHXS17, XL16,
XL20, YCCM12, ZAN12, ZMCS17,
ZZK19, dNG17, IWM14, MMH14, SB16].
Copy-Number [YCCM12, SB16]. Core
[DADF+10, LHL+19, YFCM17, PWZ15].
core-attachment [PWZ15]. Coreceptor
[LSF08]. Cores [LSTW+17, WSTL+15].
Corner [SSD+16]. Coronal [FLJS20].
Coronavirus [XHY+18]. Correct [JZW17].
Correcting [ZKP+07]. Correction
[ACWW07, BDD18, LCMO18, LTL+19,
LLB20, SLK17, WLL+20, ZXLZ18a].
Correlated
[BVN+11, DFM+11, HKT+18, JM12].
Correlation [BHP19, DLY+21, IQA18,
LCL+13, MGL+12, NU06, SSP+05, SLX+18,
TGGF10, WZMJ12, ZCR+17, AMBK14].
Correlation-Guided [SLX+18].
Correlations
[DMJ+18, GLW12, TWZ16].
Correspondence [YHY12]. Cortical
[TWG+12, ZWS+18]. COSPEDTree
[BM15]. Cost [KBB+17, TR13, WCC+18,
WZ13a, ZwGC17, GE14]. Cost-Based
[ZwGC17]. Cost-Sensitive
[WCC+18, WZ13a]. Costs
[GE18, dMDB17]. Cotemporal [JFN11].
Count [PNP+18]. Counting
[BO12, SREK19, SLH06b]. Coupled
[HPL+13]. coupled [BM15]. Coupling
[SZCX19, TRBK08, ZHL+14]. Course
[EAS12, IVA11, OMADG+12, CZWT15].
Courses [SCSS05]. Covariance [Smi09].
Covarion [AR09]. Cover
[DNS19, HMK+07]. Coverage
[AOSN+18, GGP08, ZANN20, HKLN14].
Coverage-Based [AOSN+18]. Covering
[BNV+13, HYY11, RCM+19]. Cox [RKZ16].
CpG [SKD+07, XYZ20]. CPU
[PCY+19, ZwC17]. Creating [VSR+06].
Credibility [MG19]. Credible [JWZ+20].
CRF [DDZ+21, LJ20]. Criteria
[LLC+13, WWC18, ZSD08]. Criterion
[CLV+20, GZG17]. Critical [MMH15].
Cross [AMGC16, HKS11, JGW+21,
LPH+13, PBbL+11, SLRQ19, WGK16,
XNCY21, PS15]. Cross-Context [SLRQ19].
Cross-Domain [JGW+21, XNCY21].
Cross-Entropy [PBbL+11, PS15].
Cross-Hybridization [HKS11].
Cross-Laboratory [LPH+13].
Cross-Ontology [AMGC16].
Cross-Sectional [WGK16]. Crossing
[Gra04]. cazzo [GAR+09]. Cryo
[BRZ+17, LDS+07, ARZ+14, ZCR+17].
Cryo-EM
[BRZ+17, LDS+07, ARZ+14, ZCR+17].
CryoEM [ALR+13]. Cryptographic
[JHW+19]. Cryptographically [BKLS18].
Crystal [DDS+17]. Crystallization
[STB+20]. Crystology [Str11]. CSD
[Wil12]. CSS [AKS13]. CT
[JGW+21, QZZ+21]. cuBLASTP
[ZWC17]. Cuckoo [AKS13]. CUDA
[BBH12, CNM11, LSMW11, ZLS+15].
CUDA-BLASTP [LSMW11].
CUDA-Enabled [LSMW11, ZLS+15].
cumulative [TYA15]. Curatable [HK15].
Curated [GTTR+17]. CURatio [KMSY20].
Curation [HLL019]. Current
[MSS+13a, SW17]. Curvature [MBF+13].
Curves [IGA18, KGK14]. Cut
[BFM13, NSNA19, SR06]. Cutting
[NSZK15]. cyber [KSA16]. cyberphysical
[AIS+16]. Cycle [BRF17, CAW+19, SSS20a,
ZZM17, ZWW17, WZ14]. Cycles [Gru11].
Cytogenetic [LYK07]. Cytometry
[PN17, Qiu14]. cytoscape
[NMCAR15, WZC+15]. cytosolic
[LCOMG14].
D [ABS17, APPG18, ARP+16, BLR15,
BWRF12, CWT+19, CBF+18, GPZ+20,
GH15, HS15, KL19, KSMT19, KD15,
LQV+13, LHQ+18, LBQ+13, MCRC17,
NPZ+07, RG16, RWH+10, Str11, SF18,
VMD+08, YLH+15, YCZ+18]. D-Map
[ABS17]. D-pattern [KD15]. DAG
[BM15, TGZ+15]. DALI [WAK13]. DALIX
[WAK13]. Damage [ZLL+20]. DAPD
[GJK15]. Data
[AGAS18, AA+18, AFA+11, ABVD12,
ASI+11, ACW05, ACW07, BKP+19,
BDD18, BMK11, BTTR11, BDPI1, BZ10,
BHMA06, BLP+12, BMHS13, BKL58,
BHHMCL16, Bon07, BMZM15, BLR08,
CMR19, CCCY20, CMS12, CSS16,
CSZ+19, CKM+17, CW09a, CHL+12,
CHYW19, CMZ21, CMB+20, Che10,
CKW12, CCE19, CWZ08, CZM+18,
DRN15, DCHW17, DHCW18, DG19,
DJM+18, DWSB11, EAS12, EAS13,
FHH+11, FJJ11, GZG17, GKS11, GXZ17,
GMSD11, GZR+18, GJZH17, GBJ08,
GLG10, GM16, HYW+17, HBB12, HYY11,
HZW+17, HYL+20, HCY12, HAH13,
[AC12, KAHK+10]. Does [BCVS19].

Domain [CYJ+19, JGW+21, KCP19, LB19, LNW20, WWT+20, XNYC21]. Domains [HMK+07, LDS+07, QLZ16, WCMZ15, ZHZ+20, DC15, PW+15]. Dominating [ZWW17].

donovani [SSP+17]. Dose [SWX+19]. Double [SZCX19, YCY+14].

Downhill [SS04]. DP1 [IDD13]. DPNuc [CGZ15]. Drawing [Hu09, SNM12].

Drawings [VASG10]. drift [SPWF14]. Driven [CSW11, CCE19, FMA+20, HLY+16, JQGY21, PLC+20, YCCM12, ZHG20, GBTL14, KG15]. Driver [LGW20, SWP20, ZW19, LP15, LW14].

Drone [JQGY21]. Drosophila [GGH+13, LK11, LJK+12, LLYS21, MB15].

DrPOCS [WCQ+19]. Drug [BD19, CCCY20, DCM20, EZW+17, HLN20, JQH+20, KCP19, KHP12, KS18, LC19, LWL+19, MWZ17, PSIM17, RV13, SZ11, SYKS15, SSP+17, SWX+19, UBP+19, UKV18, WLCX18, WCQ+19, WXWL20, XYZ19, BHW+14, FHRG14, KPB14, LYH+16, XLC+15]. Drug-Gene-Disease [WLCX18]. Drug-Induced [SWX+19].


Duplication [BE08, BEW09, BS11, BG05, HZ+19, HCMB18, KB17, KB19, LCW13, LCC+11, PG18, ZSS18, vIJ+20, ZW14].

Duplication-Transfer-Loss [KB17, KB19].

Duplications [BCF+07, CDW12, SS06a, THL11]. during [HK12, KCZ+15, TC13].

Dynamic [BBK+07, CHZ+16, CLR10, GCL+18, HL16, HHYH07, HT09, LCZN16, NSZK15, PAL+12, PZS+20, RBdJ11, SMSZ17, TP18, WLL+09, WMWA12, WWLL16, XZG+18, ZLH12, ZD17, WZ14]. Dynamic-Pattern [WMWA12]. Dynamical [CBM+20, KKC16, LH+07, MDD18, SCMI19, ZKKW18].

Dynamics [AVD+12, APK18, CGLF12, Dem12, GBJ08, KL11c, LLES18, LW13b, PB12a, PTM+19, Pan18, RTA+16, RSCX18, SH11a, ZLL+20, MFS+15, PSK+16].

Dysfunction [FLJS20]. Dystrophy [BCL+13a].


Edge [GPC+20, WLP12, HKL14]. Edit [RFB20, XCR21]. Edit-Distance [XCR21].

Edition [MVVR19, MVVR20, MVVR21].

Editor [Ano10c, BL18, HMZ17, Ano04b, Ano08c, Ano12b, Cas06, Cas07, Cat17, Gus07a, Gus07b, LNY05a, Xu13, Xu14a, Xu15, Zha17]. Editor-in [Xu13].

Editor-in-Chief [Ano08c, Xu14a, Xu15, Zha17].

Editorial [Che12, CN12, Che13, FJJ18, FK19, GJH19, Gus05, Gus08, Gus09a, Gus09b, GM16, HC15, HBG16, HBG17, HBG18, HBG19, HBG20, KS13, KJ04, KJ05, Kim18, LZW21, MJ18, Mur18, Sag09a, Sag09b, Sag09c, Sag10, Sag11a, Sag11b, Sag12, SPK19, TS17, TH18, WYWX16, WLWN17, WLC18, WH11, Xu13, Xu14a, Xu15, YSC19, YGFC20, YS17, ZC15, Zha17, ZLLZ00, ZCM19, dSK13, ESU14, LW15, MNA14, MKARB16, PR14, STHA15, Xu14b, ZC14].

Editorial-State [Gus05]. editors [CEG14, XHS15, AS15, BPW17, BPRZ11, CZ12, FS12, FS13a, GH08b, Gus04a, Gus06a, LNY05b, MPZ07, MPZ08, MPSZ09, MZW13, MSZ19b, MNZP10, RZF07, Sag09b, Wil04a].

EEG [AKS13, HLSR18, XNYC21].

EEG-Based [HLSR18]. EEG/ERP [AKS13].

Effect [AD12, BMH+16, GSC+18, GSC17, GPC+20, JQH+20, MRS09, RKDR10, SZCX19, WHXS17, ZLJ14, WFD15].

Effective [AAP06, BRZ+17, CMSE+15].
Effectively [CZW+18]. Effectiveness [ARK20, Jam15].

Efficiency [KBBD+17, LHY+11, RKDR10, RKDR11, ZLLS17]. Efficient [BPV+17, BHHMCL16, CMR19, CZ20, CFO806, CCE19, DLRW18, DBZ12, DLM12, DHC12, FM12, GPMH16, GSK13, HLW+10, HT09, JZW17, KVVX12, LR20, LHY+16, LJL+15, LLZ+20a, LZ20, LHG+16, MWL+12, ME19c, MS11, MCDD12, NSZK15, SG10, Sag11a, Sag11b, Sag12].

Efficiency [MWB17, WMWA12]. Eigen-Binding Eigen-Genomic [MWY17]. Eigenmap [ZYW17]. EKF [ZW+12].

ELLSTM [LZ+20]. Elastic [WMK16, LHZ+17]. Electrical [BMH+16].


Element [WQL+16]. Elementary [UH16, DB14]. Elements

[AOSN+18, AD12, GGZZ14]. ELF [FW20].


Enhanced [ACC+13, BCFCC13, mHB13, MSS13b, NA11, NSA19, RNN18, SDS18, DWZ+15]. Engineer [ACCT20]. Engineered [MBP+18]. Engineering [BGS+12, INT11, LLA19, RPB+13, SDOD+12, TS17].

Enhance [SR06]. Enhanced [CPM18, FYZ+19, WBE13, ZZZC17, ZDY13, KFH14]. Enhancement [DNS19]. enhancers [DV14, LKB14].

Enhancing [ANR11, SIK20, YXS16, ZDY+17, ZGDH16, FSL+15]. ENISI [MCH+15]. Enough [MZSL19, SRM18].

Enriched [MSS+19b]. Enrichment [FLAM15, PSN+15, YM20]. Ensemble [CHZ+16, DPS+13, GMSD11, LLY+17, LZQ+20, MGK20, MA12, MSKC19, OLZ11, TDZ+19, YHZ+19, YCY+13, YRD+13, ZYW17, ZCG+18, ZLZ+20, RHK14, STT+14, YCY+14, YRD+14a, YN14].

ensemble-based [STT+14]. Ensembles [ALWG18, LSR+11, RSP08, Val11].

Ensembling [DSCM20]. Entities [PZWC20]. Entity [AV17, LJ20, HK15].

Entropic [POS+18, CA14]. Entropy
CCYW12, GMP08, PBhL+11, SPW20, ZWY+10, PS15, RB14. Entropy-Based [SPW20]. Enumerating [NSNA19].

Enumeration [SS06b, SN12]. Enumerative [BBK*07, Tan14]. Envelope [XHY*18]. Environment [SAM+19, XZG*18, ZD17, LHN*14, LLH*14].

Environmental [ZS18]. Environments [BWRF12, PNA20]. enzymes [SFH*14]. epi [WHF*20]. Epidemics [ZYF*18].

Epigenetic [MSZ19a]. Epileptic [XNYC21, ZHG20]. Epitasis [APKP18, GDWK*15, HLHAJ20, LZW20].

Epistatic [FMA*20]. Epistatic-Driven [FMA*20]. Epithelial [AVD*12, SDA*06].

Epitope [ZWL11, ZHL*14]. Epitopes [AGGM11, XHY*18, YBG10]. eQTL [YZG*17]. Equation [LL11, dJP08].

Equations [HLM*13, SdOD*12, SCCD09]. Eradicate [Vis18]. ERDS [TWW*20]. ERDS-Exome [TWW*20].

Erosion [BBH*18]. ERP [AKS13]. Erratum [HOS*12a, YRD*14a].

Erroneous [PVB*12]. Error [BvdGK*11, GGP08, HZL*20, LTL*19, LLLB20, MDD18, SLGK17, WLL*20, FSL*15].

error-containing [FSL*15]. Errors [ZKP*07]. Escherichia [iAOSS16, RBdJ11].

ESDA [WMWA12]. ESLTAGs [RAA10].

Essential [KPP19, LYW20, LLNW17, LNC*19, LZX*19, Mam05, QL16, WLWP12, XGWW19, ZLF*12, ZXLZ18b, ZXX20, D115, LLW*15, PWC*15, TWZP14].

Establish [PS19]. Estimate [CSZ*19].

Estimates [JZW17]. Estimating [GKPS11, NGY*16, NSA19, SS04, SWH*12, TIA*11].

Estimation [ASI*11, BBW18, CSZT19, CAW*19, GAGM11, JRN*18, LSM*21, LWZ12, MNND13, MR10, SRM18, SNC*16, SGH12, TGGF10, WLMW*11, WWLL16, YWK*07, YAB13, ZWL*12, Gu16, GJY*14, HLW15, TDD14, ZSY*14]. Estrogenic [NSMH19].

ETD [YKW17]. ETD/ECD [YKW17].

Euclidean [ME19c]. Eukaryotic [SSS13a, SSS20b, TR07]. Evaluate [LGX10].

Evaluated [MQOH21]. Evaluating [WLYZ*09].

Evaluation [BKLS18, CAN*08, DM09, MSJP19, OMAdG*12, YLCC13, KPBP14]. Event

[BM20, CBM*20, HLL*18a, JRN*18, LLLQ*16, PTM*19, SYM*10, YRL*20, MZSL19]. Event-Level [MZSL19]. Events

[BB04, LLQ20, MG19, NAHT*20, TBRX13, Zha11]. Evidence [KK12, RLRH18, WZ14].

Evolution [AGM09, BJ10, BPJ12, BGHM09, BM13, BSST08, CM13, DST07, GS11, HK12, HB11, LW19a, LB19, NI07, SRLR14, ZZY*17, ZACS09, HLW15, TM11, ZSY*14].

Evolutionary [CS15, GZFT15, GSC*18, GQ08, HC18, HHYH07, HTLL12, HLW15, HRdR09, KCD*12, KTLM15, LCWZ13, LSY*20, LT07, MG19, NLGG12, SDSL18, TWG*12, TBRX11, WD08, WLC11, XZG*18, YWK*07, YHZ*19, ZZS18, DPL*14, Mat15].

Evolved [AD12, HF07, LSMF08]. EvoMD [WLC11].

Exact [CW11, CHNW20, CMQ*16, GRS*13, HBM19, KB19, MS11, RW07, TED*12, Wu10, ZS19, ZW13, ABH*14, Tan14, YHV*15].

Examining [GAJ*18].

Example [DSZ*06, OLZ11]. Examples [CZW*18, KK08]. Excisions [SS06a]. Excitation [MBF*13]. Exclusive [SPW20].

Exemplar [BVD*07, BJ13, QSJ*20, ZW13].

exhaustive [Qin14].

Existence [Son06].

Exocytosis [SDA*06]. Exome

[TWW*20, TWW*20]. Exons

[SSS20b, WS12]. Expanded [mHB13].

Expanding [PBV*20].

Expansion [NSC17, XLL19, ZZKW18]. Expectation

[MB16]. Expected [Pol11, Vis18].

Experiences [MCHT17]. Experimental

[AHT*18, GQ08, MDD18, NSA19,
VDS+20, DYD15. **Experiments**
[BDS12, BSST08, IVA11, IYA12, MGS17, MDM13, NFM+12, OMAdG+12, SVZ09, SC11, THH+19]. **Expert** [GRDV14].

**Experts** [WCMZ15]. **Explained** [AHT+18]. **Explaining** [TGP+15]. **Explicit** [ZMT13].

**Exploiting** [ASP20, AL12, CHL+12, HXXJ18, KDS+20, NSNN12]. **Exploration** [LTwG+11, RTPM+19, WRH+09].

**Explorations** [mhB13]. **Exploratory** [BLR08, Mah10, ZWHC19]. **Explore** [BKKG19, YDM+08]. **Exploring** [BSST08, CLC+17, CRK+19, DHC12, GTTR+17, JBP08, KNS+05, SLGK17, TYL+16, USMS19, VRJ+10]. **Exponential** [WFY+19]. **Exponential-Family** [WFY+19]. **Expressed** [AAP06, EAS12, LXL+16, LWG+18, PS19, SDTK19, WS12].

**Expression** [ACW05, ACWW07, BGS+12, BDP11, BHMA06, BLF+12, BHS21, Bon07, CCCY20, CHYW19, CMMZ20, CBK20, CWZ08, DZH16, DCHW17, DWSB11, GZG17, GMSD11, GZR+18, GDM18, GJZH17, GBJ08, HBI12, HHYH07, HMW+12, HC16, HTLL12, JCF13, KBND19, KG12, KCC15, KCP18, KKK19, KK12, KMG+05, LEAK11, LTM+12, LTM+13, LMB+18, LRM08, LJ+12, LLHFI5, LW19b, LY+19, LLL15, LLA19, MTSCO10, MSH+11, MSL19a, MB20, MWZ+20, MW121, MWLS18, NPK+07, PI09, PAAG07, RdICGW09, RWH+10, RMS15, SCSS05, SSP+05, SIM12, SDCW11, SKD+07, SGK12, TZHO7, TK05, TWZW16, TOYH19, UC10, UKV18, WZA07, WLL+09, WRH+09, WP08, XHQ+18, XLL+20, XAW07, XOYHZ18, YWW20, YLXJ04, YNBM05, YLY+12, YP13, YCCM12, YOK09, ZZW18, ZMT13, ZHSS07, ZWSX12, ZXLZ18a, ZXLZ18b, ZXZ20, ZWY+10, dCAR11, vBdRD+11, BMM14, FN14, JR14, KSM14, LZX+15, PJN+14, RHK14, YCY+14].

**Expressions** [ARM+19, BRF17, SSK+20, WCX07, WLHY19]. **Expressivity** [FMRS18]. **Extend** [CLH+15]. **Extended** [KFHK14, dSRCT+11, WLL+09]. **Extended-Sequen**ce [dSRCT+11].

**Extending** [ATA+17, ARS17, FM13]. **Extensible** [ACP10]. **Extension** [LLH+17, LTL+19, MQOH21, STB+19].

**Extensions** [GG11]. **Extensive** [FFT16, MG14]. **Extract** [FW20, DPL+14]. **Extracted** [ASP20, AD12, MSJP19].

**Extracting** [AMGC16, GBJ08, HC17, LLO+16, LLQ20, NZR11, NAHT+20, RSG18, SYM+10, XYZ19]. **Extraction** [BLR15, CBZ18, DLT10, DDZ11, DZ18, EZW17, FLV17, HLV+10, HVD18, LLK11, MCC16, SYM+10, XTL12e, YSC13, YRL+20, ZLY+12, ZYN+19, TAL+15].** Extreme** [LSY+20, ZHSS07].

**Facilitate** [GJZH17]. **Factor** [CRP12, LPH18, PIPC18, WPL15, ZS18, LRRZ15].

**Factored** [ASP20, PAL+12]. **Factorization** [EZW+17, JHX17, JZZQ19, LW17, LX21, LWG+18, LWL+20, MHHJ20, RM18, WLG+16, WHF+20, YHCS19, YWF+20, ZWXL20]. **Factors** [BPP+13, LX21]. **FAD** [YZZ+19]. **False** [ANR11, GCB+18, HZTP12, SS04, YAB13, CWS15].

**Families** [DR16, Ros13, TRBK08, WWL19]. **Family** [CSS11, GzS11, HZL+20, RG13, WFX+19].

**Family-Based** [RGI13]. **Family-Wise** [HZL+20]. **Fast** [ATX21, ADPH11, BCS11, BM12, BBH12, CBFB12, CW11, CA14, DBR07, DWSB11, FVP+20, FSB+11, GZG17, GKI9, GAGM11, LHL+19a, MW16, OG11, OP11, PNA20, PVB+12, RMV12, RSJK13, Shi10, SBY12, TGLP16, WYY+13, WLCPI11, WL19, WXS+19, XWC15, XYZC13, ZCG+18, ZS19, ZL15, dAc17, GJY+14, ZLLS17].

**Fast-Adaptive** [ZCG+18]. **Fast-Known** [SBY12]. **Faster** [BAK06, CWJ7, CHNW20, HC16, SN12, SB09]. **FastEtch** [GK19].

**FASTQ** [Hol13, GDM12]. **FastR**
Fault [BBN18]. FC [YWW+18]. Feature [HB11]. FEAST [AWW18, AMHH16, AAT20, BM17, BHP19, CZ20, DPS+13, DPA+17, GZG17, GCB+18, HZZY16, HLL+18a, HBC+11, HDS+18, HLX+21, KCD+12, LTM+12, LHL+11, LSY+20, LKL+15, LLZ+20a, LZX+19, LZ20, LPH+13, LHH19, MCHT17, NO09, PGHT12, PBH+11, SLX+18, SIM12, SDH20a, SG+17, SZLL11, TZ16, TRKRC13, WZA07, WHYZ20, WCLY20, WXS+19, YSC13, YM11, YZG+19, YXS16, YH13, ZWSX12, ZLPW16, ZWG+17, ZZZW19, ZWM+20, ZWY+10, ZCW+19, BLC+15, GMB+14, HRHP16, LZZG14, WFD15].

Feature-based [ZWM+20]. Feature-Integrated [LZX+19]. Featured [CLW13]. Features [AD12, BYZ+18, BS10a, CHW+18, FLW12, FW20, HC17, HLL+17, KTLM15, KA+10, LXY+16, LHZ+19, LQ+20, NBG+19, QC+16, VF09, WB11, ZZCY10, ZKW19, ZZDY13, DPL+14, GJPSV14].


Files [GDM12]. Filling [JZS+12, LJJZ13, LHH19, LWS+20, ST19]. Filter [FLAM15, HKT+18, JSS+18, LTM+12, LH10, LHHQ+18, MNND13, HPH+15]. Filtering [KAP+12, LX+21, MJPP20, SP11, WLL+09, ZLH+20, pD20, HPH+15, SB16]. Filters [BHMM16L, SB+12, WZH+12, XLZ+15].

Filtration [KRN05, TC16, LMZ14]. Final [Gus09a]. Finder [CSX+15]. Finding [AAP06, AKM+12, ATX21, BvBF+11, BLS+12, CMR19, DT11, GAVRR+15, HLH11, HKM+18, IVA11, KVX+12, hLMBJ11, LHL+19b, MIC+07, NYOL15, PG06, PRU11, RHH16, RSJ+13, VKJ11, WL11, Wan+12, WCMZ15, XCR+21, ZSC+10, SSK+15].

Findings [WWM+18]. Fine [DSHM08, ZWW+17]. Fine-Grained [ZWW+17]. Fine-Scale [DSHM08].

Fingerprint [KKI20]. Fingerprinting [LZ18a, dAc17]. Finite [FZWS+17, EES14].

Finite-Time [FZWS+17]. Fireworks [ZZC17, ZLJ+17]. First [LH+16]. Fish [LYW20].

Fitting [FKL+07, SHU19, TSMG+13, XSL+14]. Five [Gus09a]. Five-Year [Gus09a]. Fixed [BS11, BS07, GB10, PK13, ABH14, CV14].

Fixed-Parameter [BS07, GB10]. fixed-resolution [CV14]. flagellin [MZZ+16]. Flat [ZBFK10, BLR15].

Flavivirus [RA+20]. Flex [FMD18]. Flexible [ARP+16, BWC17, FSB+11, FMD18, JG+15, JZZQ+19, LSV+19, OLS+13, PF+19, Shi10, YDM+08, HM15].

Flip [CEFBS06]. Flow [FJJ11, MT+12b, MT12a, PN+17, RZMT15, SK+19, YXYC13, ZMT13, ZMST18, ZWL+12, Qiu14, ZMT14].

Flower [AKS+20]. Flower-Shaped [AKS+20].


fnpRPMF [LZ18a, fMRI [RZK+16].

FNphasing [YXYC+13]. Focal [SSD+16].

Focus [WH11]. FocusALL [SSD+16].

Focusing [BTYC+13, SW+17, JR+14]. Fold [LCG+19, Xu05, DPL+14]. Folding [JBP08, LXX+16, KGK+14, SHS15].

Foraging [NL+18]. Force [DZ11, LLA19]. Forest [CSK+11, IS+18, MGXS15, ZLX+19, YHL+15].

Forests [MOS+07, PGHT+12]. Form [LHH19, MS+10].

Form [DKY21, TWZ+16, KG+15]. Formalism [FM+13, VBG+18].

Format [BBH+12, PR+18, YWW+18]. formation [BM+15].

Formula [AAC+18]. Formula [ZUBE+05].
Formulas [ZGC +05]. Formulation [CLH13, MKS +17]. Formulations [MS11].

Foulds [CLRV09a, CBFB12]. Fourier [ZLLS17, BCS11, Mat09, MEOL14]. FPGA [CWLZ14, FVNL15, GDKW +15, HG16, MPP +20, PGF18]. FPGA-Based [FVNL15, CWLZ14]. FPFGAs [AKLJ17]. Fractal [BMH +16, HLDZ17, YTLI15]. Fragment [MW20, ZGC +05]. Fragmentation [CLZ +18]. Fragments [JL10]. Frame [RLRH18]. Framework [AN11, BHHMCL16, BSLR05, CMS12, gCLL +10, CBZ18, CHC +05, DHC12, ED15, GLL +18, GLC10, HXXJ18, HYZ16, KP12, LHLY11, LW17, LB19, LSW18, MSZ19a, MTNH17, PCY +19, PZS +20, QL09, RFFB +20, RCBB19, SC11, TMLI19, WHXS17, XLW20, YLY +12, YCY +13, YRL +20, ZLF +21, ZD12, ZW19, ZK16, ZFZ +20, ZLJT17, BDBH15, DC15, Gu16, KD16, LAI +14, VPB15, WLC +15, YCY +15].

Fréchet [WW20, ZGC +05]. Free [ALR +13, CLZ +18, HF12, NA11, XSS17, YWW20, YH13, CV14, RTWR15].


Function [BS10a, CC11, DKY21, FB19, FWA10, mH13, JWlC11, JM12, KA1 +17, KG12, LBM +18, LLZ +13, LHDS18, RFFB +20, SZCX19, Val11, WYHD17, YRD +13, YFWZ16, YWF +20, ZD12, TAY15, WHZ14, XG14, YRD +14a, YRD +14b, YRD +15].

Functional [CNM11, CHL +12, CM16, DSZ +06, GLW12, GPC +20, JLYZ16, Kar12a, KNS +05, KL11a, KK12, LFK16, LLH +07, LHHL19, MS17, MFS +15, MFF +18, MBB +17, SKDA19, Tah18, WM16, WLC11, WW19, WHY19, WBBZ19, YNN +18, ZD12, ZZN15, ZS19, DC15, JC15, LLL16a]. functionality [WL14]. Functionally [MP13, PB19, SFH +14]. Functions [AM12, DM09, MSK19, PM11, PLCW17, RMV12, Tah18, WP08, YSGZ20, ZZF +19, AM15]. Fusarium [KZW +18]. Fusing [NLGG12]. Fusion [CMZZ20, HLX +21, JXN +16, KZ10, LLZ +20a, QWC +16, WWT +20, YM11, YZP +21, ZHJ17]. Fuzzy [AGAS18, AFAAW +11, BMZM15, JXN +16, JGW +21, LHKL17, MP13, NPD +17, NNM +12a, PKM06, SY09, SKD +07, SBM15, TNQ08, YCCY20, YCY +13, GRDV14, HC14a, YCY +15]. Fuzzy-Adaptive-Subspace-Iteration-Based [SY09].


GBM-Related [PL17]. GC [RKDR10, TSM14, WLL +20]. GC-content [TSM14]. GC-contents [WLL +20]. GECC [RHK14]. gEFM [UAH16]. Gelsius [AA +13]. Gender [YCY +18]. Gene [AJD +12, ASP20, AMGC16, AKNB07, ARK20, AOSN +18, ADR18, AW18, AKV16, AMH16, ABS17, ACWW05, ACWW07, APPG18, BGHC20, BM17, BHK07, BHK10, BPG17, BPG18].
Gos11, GJZH17, HYR^+19, HCLS11, JSA08, JSS^+18, JZ5^+18, KSMT19, KB20, KN05, LL11, LLZC12, LW21, MTNH17, MIC^+07, MDH11, MWSM12, MVW^+13, NJMF19, OMAdG^+12, PBI2a, PI09, RKDR11, Sen19, Tho16, TSMMG^+13, TED^+12, TBR513, VMZM17, VKS17, VBG^+18, WFT^+19, WAG19, WCL11, XWF07, YCYC12, YLC13, YAB13, ZLH12, ZW216, ZSD08, dJP08, ADTAQ16, CL14, HRHP16, PV16, RHH16, TLY^+16, WLY15, ZWC15.

Genetics [DLY^+21, SLH06b]. Genome [AP07, AJM18, ANT19, BGS^+12, BMM06, CZF^+05, CHN^+18, DGV^+17, DWSB11, FLW12, FM13, FMA^+20, FS13b, GZFT15, GSK13, GJZH17, GZC^+17, HKS11, HWS^+18, HBM19, KMSY20, Kim18, LN17, LW19a, LZW20, MSS^+13a, MPA15, NPK^+07, PIPE18, PS11, RZMC17, SKS^+19, STH15, SSS13b, TGLP16, TIA^+11, TGP^+15, Val11, VTGC16, WYY^+13, WHZ14, XLY^+18, ZZC10, ZS18, ZLZ20, ZAZ11, ESW14, LHS16, SVM14, TLY^+16, WLY^+15]. Genome-Guided [FS13b, TGP^+15].

Genome-Scale [DWSB11, GJZH17, MPA15]. Genome-Wide [BGS^+12, DGV^+17, FLW12, GZC^+17, KMSY20, LW19a, LZW20, NPK^+07, PIPE18, SKS^+19, TIA^+11, Val11, VTGC16, WYY^+13, ZZC10, ZAZ11, WHZ14, TLY^+16]. Genomes [BCF^+07, GK19, HCM18, LHL^+19b, MS10, NLL17, QLLX10, QTZ15, ZXYG15, YBGB0, ZHE05, BS15, CA14, RB14].

GenomeTools [SK13]. Genomic [BBH^+18, BKP^+19, BKL518, CKM^+17, CHL^+12, CHW^+18, CBZ18, CRK^+19, DHCW18, DMJ^+18, DBTB09, FM12, FLM^+14, GRS^+13, HLY^+20, HYC12, HCQ14, KPK^+17, MVL^+12, MCC16, OLS^+13, PHX^+08, PGI8, PWT10, RCP^+18, RTPM^+19, RH05, SHUP19, WMWA12, ZZZW19, dSMBB17, GMCB14, SKH15, XLWL15, ZMP^+14]. genomic-range [SSKH15]. Genomics [KNS^+05, PR18, RCM^+19, WHF^+20, YNN^+18]. GenoPri^+16 [AJM18]. GenoPri^+17 [ANT19]. Genotype [CCE19, DLM12, GMP08, PVB^+12, YLCC13, ZPW^+19]. Genotype-Phenotype [ZPW^+19]. Genotypes [HLY^+20].


GPU-Accelerated [CZX19, GDWK^+15]. GPU-Based [LFF18, NSZK15]. GPU-Oriented [LHG^+16]. GPUDPred [CFIS^+15]. GPUs [TED^+12]. Gradient
SAM+19, BM14, GÁVRRL15, SDA+14, XXM+16. Hybridization
[B07, CH11, HKS11, LHCL20, LS09, PK13, Pre04, MW16]. Hydrodobic [CDKT09].
Hyper [PTH+18]. Hyper/Hypocalcemia
[PTH+18]. Hyperflows [AFMS19].
Hypergeometric [KPW13]. Hypergraph
[LCW+18]. Hypergraphs
[RPB+13, RAM17]. Hyperplasia [ZLXL19].
Hypocalcemia [PTH+18]. Hypothesis
[BZ07].

I/O [HPH+15]. i2b2 [RCP+18]. IAS
[VKWK18]. ICD [HXJ18, LFZ+19].
ICD-9 [LFZ+19]. ICGA [SSS+11].
ICGA-PSO-ELM [SSS+11]. ICIC
[HBB16, HBB20, HBB17, HBB18, HBB19].
ID [Jam15]. Identifiability
[AR09, APRS11, WIG15]. Identifiable
[PW21]. Identification [ALQ17, AGGM11,
BBN19, BGHC20, CWZW15, CFOS06,
CYY+19, CDW12, CMQ+16, DMD13,
DAB17, EAS12, FJJ11, GGJ+06, HY11,
HC18, HC19, HZL+20, HHY07, HC13,
JXN+16, JRN+18, KCCC15, KSK+18,
LLNW17, LZ18a, LHLH19, LMZ+20, LLT10,
LMZL17, MR112, MTSC10, M17,
MSB19, MCCZC08, NWW19, Ozy12, PB19,
PS19, PM20, PWZW15, RBB+19, RTA+16,
RYK+19, SSS20b, SSP17, SFI+14, SBY12,
SLL+19, TFK13, THL11, WGP11,
WLWP12, WCMB19, WDS+12, XLWL15,
YMW+12, YFMC17, YCZ+18, ZOZ10,
ZZDY13, GM14, WLG+14]. Identify
[HHS13, KM20, LYG20, LXG+16, LHC18,
MMH15, NHH+17, TWZW16, XLW20,
KCB+14, SQZ14]. Identifying
[BRS18, CCA20, CSK+11, CGZ15,
CZW+18, DCHW17, DG19, DKS+15,
GGBZ14, HYR+19, HXX18, IMA13,
JWZ+20, KSN+12, LW18, LZX+19, LYT19,
LP15, LWG+18, MSQ18, MM14b,
NLGG12, PL17, PN17, QLZ16, RKZ16,
SAE+20, SDN+11, SBW15, SPW20,
UWLH15, XLL+20, XOYHZ18, YAB13,
YNWC07, ZLF+21, ZW19, ZZDW13,
ZDYH17, BMM14, LLW+15, PW+15].
Identity [NGY+16]. IEEE
[BHC14, An012b, An013e, GUS04b, TIT16].
IEEE/ACM [An012b, GUS04b, TIT16]. IEF
[KBBD+17]. IEF-LC [KBBD+17].
IEF-LC/MS [KBBD+17]. IFN [ZZ13].
[CLR09b, EMD11, FLW+14, KJ05,
ZHA11]. IF.5 [An09c, gCLL+17].
ILP [BCS19, HWS+18, KI14, WBBM15].
ILP-Based [BCS19]. ILP/SMT [KH14].
ILP/SMT-based [KH14]. Image
[JGW+21, LKY07, LLYS21, MCD+11,
MRC17, NU06, XZXG15, YCZ+18].

Image-Based [MCD+11]. Images
[ALR+13, BRZ+19, BDOS+18, CYL+21,
DDS+17, FZM20, QZZ+21, RV06,
SYZ+13, SLX+18, SSD+16, SFF18, UBP+19,
XPH20, BR15]. Imaging
[BMT17, BWRF12, DCHW18, DLY+21,
IGA18, LZW21, WHT+20, ZHG20, TWZ+14].

Imbalance [SYKM17]. Imbalanced
[BDD18, LKY07, OZH11, SAK+21, YN14].
Imbedded [ZC11]. IMM [LH+18].
Immune [SJS19]. Immunoassay
[ZWL+12]. Immunological [GIA18].
Impact [KAL+17, LNR+09, SWH+12,
WLMW+11, MFS+15]. Improvement
[ZWS+18]. Implement [GON13].
Implementation
[BKL18, HG16, LZ18a, CFIS+15, ZLS+15].
Implications [QV17]. Importance
[FWA10, MMS10]. Improve [BON07,
MFF+18, PNS+15, XLL+18, ZLPW16].
Improved [BN06, CW04, CW09b, Che16,
GH08a, GSC+18, HL16, HPL+13, HDS+18,
HLH11, ISK18, LWL+18, LZ18b, LZZ13,
LZKL17, Pol13, RAA10, SFSM18, SLL+19,
Tan14, TDY+18, WL11, WLCY20, WLG+14,
XCR21, YLCC13, ZCR+17, SB16, YN14,
ZWC15]. Improvement [TW10].
Improvements [GG11]. Improves
Improving [AV17, ALWG18, CWDS15, CWL12, HYC12, Jam15, JBP08, JXN+16, LLL+20, LWT+18, LWM14, LHY+11, MG14, Tsa12, VKS17, WSN11, YMW+12, YFCM17, ZWDR20, TYA15].

Imputation [CCE19, PVB+12, WCA+19, YPS11].

Imputed [LX21].

Imputing [ZZ20].

In-Frame [RLRH18].

In-silico [SYKS15].

Inapproximability [BJ13].

Inception [FSX19].

Include [FM13].

Including [WHS04].

InCoB [Kim18].

Incompatible [TM11, Wil09].

Incomplete [ED15, KBND19, MR10, SM08, ZAZ11, YRD+14b, ZZ14].

Inconsistent [JSA08].

Incorporating [BRZ+17, HLY+16, HHL+20, KB20, WP08, YPS11, ZD12, WLG+14].

Incorporation [ED14, GSC+18].

Increase [TC13].

Increment [FWY19].

Indel [dSMDB17, LKW+19].

Indels [BS15].

Independence [GZG17].

Independent [BCD+21, CRKRS21, DSHM08, FLAM15, QDZ+21, SREK19, SDCW11, PSK+15].

Index [Ano04a, Ano05a, Ano06b, Ano08a, Ano09b, Ano10b, BG13, CXZ19, EMK18, Tit13, Tit16, XTL12a, FN14, CMSE+15].

Index-Based [EMK18].

Indexed [Ac17].

Indexing [PFJ+19, SVM14].

Indicator [CPM18].

Indices [WLA+13].

Indirect [ASJ+07].

Indispensable [Zha18].

Individual [GGP08, HYL+20, MZ17, VF09, XWC15, ZHZ+20, BLR15].

Individuals [BZ08, MYCW12].

Induced [SSDN12, SWX+19, TP18, WQY18, GCC+14, SSML15, WLY15].

Inducing [MMSH14].

Inductive [BKKG19].

Inequalities [Mat09].

Inequality [ZWC15].

Infer [CLH+15, QTZ15, SV16, VBB18, ZS18].

Inference [ARK20, ADR18, ABS17, BDS12, BGHM09, BH06, CMMZ20, CAN+08, DMJ+18, EAS13, FHH+11, GZFT15, GZC+17, GHL05, HL16, HLY+20, HLY+16, ICL11, LCWZ13, LHHH19, LWZ12, MVW+13, PSS09, PCDP18, PB12, QV17, RC11, Rho20, SN12, SLB+08, TGM+21, TMLI19, TBGL10, WKE11, WPL15, Wu11, XWF07, YHY13, YFCM17, YGY+19, ZK18, Zha11, ZP+19, ZZCD19, ZWDR20, ZWZ+17, vIJJ+20, DNR15, PRZ+14, ZZ14].

Inferential [SVZ09].

Inferring [FWXZ19, FSD+11, KCZ+15, LBM+18, LZHZ17, LLL15, MSG18, N07, NSNN12, PKRD12, PNP+18, PAAG07, SS13b, Tah18, TDZ+19, TOYHZ19, WLCX18, WKG16, WX16, ZHZ+20, ZS18, CZWT15, LAI+14].

Infinite [BCVS19, Wu10, ZMT13].

Infinite-Dimensional [ZMT13].

Inflammasome [LCH19].

Informatics [Kim18, LZW21, MZ17, STHA15, ZLZ20, ESW14, SPK19].

Information [AC12, AL12, BLR08, CKWY12, CAN+08, DDZ+21, DGH+06, DMJ+18, DBK18, DSCM20, FP12, GKS11, GBS11, HYW+17, HXXJ18, HLC13, HLL+20, HLG10, LLM+17, LDM18, LSY+20, LXC+16, MGL+12, MPA15, NLGG12, PVB+12, RSG18, SM15, SWH+12, TZ16, VR12, WL07, WDL+17, XTL12c, XLL+18, XLL19, YHY12, YCCY20, YHZ+19, ZLF+21, ZM12, ZXL18a, ZXL18b, ZXX20, ZD08, ZGB+12, DBH15, CA14, GZX14, HRHP16, MI14a, SSL+14, TAL+15, YLL+15].

Information-Theoretic [GSS11, ZSD08].

Informative [LLC+13, LLZC12, LRLZ15, LLC+15].

infrastructures [MKARB16].

Inheritance [HWPE17].

Inhibition [SYKS15].

Inhibitors [AFAAW+11, RAC20, RB12, KBP14].

Initializing [Mai09].

Initiation [MVW+13].

Initio [HZZY16, MSS13b, SE15].

iNJclust [HRdR09, KL11a, DI15].
Lapse [DST15a]. Large [BBH18, DADF+10, FWXZ19, GKPS11, GSX+18, GLG10, HAK+12, JGBR15, JLYZ16, KBSCZ12, LFK16, LSM+21, MKKS20, MPQY19, OMWX09, OC13, PAS+11, PZS+20, PG06, PR12, QBPET12, SSA09, TZP17, TBR513, WDL+17, YBO8, ZLY+13, ZZF+19, ZHHb9, IM14, Mat15, SHK14, YHV+15, WWC18].

Large-Scale [BBH18, FWXZ19, GHL05, HAK+12, JLYZ16, LSM+21, MKKS20, OC13, PZS+20, TBR513, ZZF+19, IM14, SHK14]. Larvae [MBJ19]. Lasso [GHL05, LDM18, SMPS20, FYSM12]. Latent-Biclustering [GM14]. Lateral [GMCB14, JZL13, JGW+21, LLA19, Mam05, RGC05].

Leaf [CDW12, MVW+13, THL11, ZWL+12]. Lattice [DCVC11, GZS12, JMA17, TA1+19]. Lattices [DABV17], LAUPs [XYYZ20].

law [LWM14]. Layer [QDZ+21, WWXL20, XW16]. Layered [WLCX18, KKC+14]. Layout [GH08a, LC [BTTR11, RTWR15, TTWR13], LC-MS [BTTR11, TTWR13], LC/MS [KKBD+17].

Leaf [wTCAK+20]. Leakage [AGAS18]. Leaping [RDS+18]. Learn [KMG+05, WB17]. Learned [MRK18, NBGL19, SPWF14]. Learning [AV12, AM12, BMK11, BLR08, gCLL+10, CHZ+16, CYL+21, Che10, CGW+16, Che16, CZW+18, DK17, DGY05, DZ11, DSCM20, FYZ+19, FMA+20, FPCC0, FSNJ05, GTL+21, GAR+09, HYR+19, HHS13, HEE+18, HLN20, HLSR18, HHCY20, HYZ16, HFI2, HTLL12, IBN19, IYA12, JMI2, JQGY21, JHZL19, Kar12a, KK08, KSS15, KY19, LJK+12, LCZN16, LYL+17, LFZ+19, LSY+20, LZH18, LNY05b, LNY05a, LHL+1b, LZW21, LTL+07, LDL+17, Mam05, MWZ+20, MSKC19, MFF+18, MW21, NLXS19, NHTD17, NFM+12, OLZ11, PTH+18, PH10b, PAAG07, QDZ+21, RLR20, SFMS18, SDN+11, SKS+19, SSV+19, SAK+21, SGP+20, TNQ08, TAAP11, TBR513, UBP+19, VSZ17, WKM17, WL13b, WHXS17, WCC+18, WLHY19, WCA+19, WYHZ20, WWBZ19, WXL18, XPXY11, XLL+18, XLL19, YXS16, YHZ+19, ZLF+21, ZHSS07, ZLPW16, ZHHb8, ZCG+18, ZLXL19, ZG19, ZLX+20, ZL19, wTCAK+20, AJYT+15, AM15, BCLC15, CR14, GJPSV14, GAVRRL15]. Learning [LLCZ15, SLW15, SEC15, SFH+14, WHZ14, NY14]. learning-to-rank [SFI+14]. Least [FYSM12, LN13, WWC18, MBS15]. Least-Squares [LN13]. Leishmania [SSP+17]. Length [HY08, LPH18, RFFB+20, RW07, SSS13a, dD18, MM14b, SSKH15].


HSS18, JNST09, LCC+11, MTSCO10, NO09, OC13, PRU11, RBdj11, SHUP19, SLB+08, UC10, WXG+17, WYHD17, Wig15, WCI11, dJP08, BS15, KGG14. **Linear-Time** [JNST09, LCC+11]. **Linearization** [CC09]. lines [MFS+15]. **Linkage** [BP+19, LLC+13, XWC15, Jam15].

linked [SL+19, WRH+09]. **Links** [DKY21]. **Lipid** [HBRU13]. List [Ano06a, Ano08a, Ano09a, Ano10a, Ano13a, KL11b, RSJK13, IEE05, IEE07, XTL12b, Ano16].

**List-Colored** [RSJK13]. **Literature** [AAB+13, CLH+15, HW07, LHY11, LNC+05, Ozy12, XYZ19, XTL12c, ADTAQ16, TAL+15]. **Literature-Based** [AAB+13]. **Literature-Oriented** [CLH+15]. **Little** [RTBT12]. Live [TRKRC13].

**Live-Cell** [TRKRC13]. **Liver** [DG19, HEE+18, OGI11]. **LMMO** [ZZH18b].

**LMMSE** [GH15]. **LNA** [BM12]. **LncRNA** [ZZC19, ZZF+19, HHCY20, XLL+20, ZS18].

**LncRNA-Disease** [ZZC19]. **LncRNA-Environmental** [ZS18]. **load** [ZYW17]. **Local** [AH11, ABH+14, AWW18, ARP+16, BEW09, BG05, CBFB12, FL18, HT09, HB11, LZ18b, LHQ+18, MQOH21, MKG08, ME19a, ME19c, MGC19, MB16, N07, Q16, RYK+19, SS04, Sen19, TDA+09, WCA+19, Wu11, YAB13, ZDYH17, DI15, MG14, PKS+15].

**Local-Nearest-Neighbors-Based** [AWW18]. locality [LJL+14]. **Localization** [KAL+17, hLMBJ11, MKG08, OM07, QWC+16, SP11, TR07, WMK17, YL12, ZXX20, ZHE19]. **Localized** [KNTB18].

**Location** [HYW08, LQZ+20, XPXY11]. **Loci** [MR10, DNR15]. **locomotor** [GCC+14]. **Locus** [GZC+17, LLC+13, XWC15]. **Log** [Roc11].

**Log-Odds** [Roc1]. **Logic** [BMZM15, CSK+11, JZS+18, CL14, FHRG14]. **Logical** [GBB+11]. **Logics** [RdMCBC13]. **Logistic** [CSK+11, JHW+19, LW19b, LWL+20, LLH+14, MLZ18, PSIM17, ST05]. **Long** [KL19, LHHL19, LL19, LLBL20, MWL+12, ML18, QD12, TR07, ZWXL20, ZXL+20, CWLZ14]. **Long-Range** [KL19]. **Long-Run** [QD12]. **Longest** [BV+07, RW07, NYOL15]. **longevity** [WFD15]. **Loop** [NLXS19, PPM+20, PLC+20, Str11]. **Loops** [YDM+08]. **Loss** [CLH13, HZR+19, HCMB18, HBC+11, KB17, KB19, LHDS18, SSK+20].

**Loss-of-Function** [LHDS18]. **Losses** [CDW12]. **Lossless** [KJR05]. **Low** [CDB+16, GGP08, HCLS11, LC19, LCW+18, NPBD16, WLZ+19, XHQ+18, YZG+17].

**Low-Rank** [CDB+16, WLZ+19, XHQ+18, YZG+17]. **Low-Resolution** [HCLS11]. **Lower** [BB04, BMT17]. **LPNGMF** [ZWXL20]. **LR** [SDT19]. **LSTM** [DDZ+21, YRL+20]. **LSTM-Based** [YRL+20]. **LTRs** [AD12]. **Lumen** [HLX+21]. **Luminal** [JLW17, SMPS20]. **Lunar** [SSS20a]. **Lung** [MWZ17, WQY18, YCCY20]. **Lungs** [SZCX19]. **Lymphoma** [WWC18].

**Lymphomas** [SKD+07].

**Machine** [AV12, AM12, gCLL+10, CWT+19, Che10, DZ11, GAR+09, HEE+18, KSS15, LLX+16, LSY+20, NLY05b, NLY05a, LHL+19b, MKR18, MSK19, MFF+18, MW21, RTA+16, SDN+11, SSK+19, SSS20a, SZLL11, VKS17, WWBZ19, WLL13, ZHS07, ZXL19, ZL19, AM15, EES14, SLW15].

**Machine-Learning** [SKS+19].

**Machine-Learning-Based** [AM12].

**Machines** [AD12, LLX+11, LIT10, MNR09, WZ13a, XZC07]. **Macromolecular** [RST10]. **Macromolecule** [GAM11].

**macromolecules** [PSK+16]. **MAFFT** [ZLS+15]. **Magneto tactic** [MLZ17].

**Mahalanobis** [MT11]. **Maintenance** [FW20]. **Majority** [JRSS18, PI09].

**Mammalian** [ZMM17, CV14].
Melanoma [Mah10, RPBP18].
Melting [DPW12, ZL15]. Mem [WMK16].
Mem-mEN [WMK16]. Membership [SBM15]. Membrane
[LLX+16, NFM+12, SSP+17, WMK16].
Memetic [CBF+18, GPMH16]. Memory
[CMSE+15, DBZ12, LL19, PFJ+19, PNA20, TR07, WCYL12, ZLH12, ZLX+20]. mEN
[WMK16]. mer [CZ20, HC14a, LMZ14, PFJ+19].
MeRIP [CZM+18]. MeRIP-Seq [CZM+18, CZ20, HC14a, LMZ14, PFJ+19].
MeRIP-Seq+ [CZM+18]. Memetic [CBF+18, GPMH16]. Memory
[CMSE+15, DBZ12, LL19, PFJ+19, PNA20, TR07, WCYL12, ZLH12, ZLX+20]. mEN
[WMK16]. mer [CZ20, HC14a, LMZ14, PFJ+19].
MeRIP [CZM+18]. MeRIP-Seq+ [CZM+18, CZ20, HC14a, LMZ14, PFJ+19].
MeRIP-Seq+ [CZM+18]. Memetic [CBF+18, GPMH16]. Memory
[CMSE+15, DBZ12, LL19, PFJ+19, PNA20, TR07, WCYL12, ZLH12, ZLX+20]. mEN
[WMK16]. mer [CZ20, HC14a, LMZ14, PFJ+19].
MeRIP [CZM+18]. MeRIP-Seq+ [CZM+18, CZ20, HC14a, LMZ14, PFJ+19].
MeRIP-Seq+ [CZM+18]. Memetic [CBF+18, GPMH16]. Memory
[CMSE+15, DBZ12, LL19, PFJ+19, PNA20, TR07, WCYL12, ZLH12, ZLX+20]. mEN
[WMK16]. mer [CZ20, HC14a, LMZ14, PFJ+19].
MVS$^{+13}$, MNW$^{+04}$, NLXS19, PLMV12, PZH20, PPFG04, RCBT19, RdICGW09, RMS15, SdOD$^{+12}$, SJZ19, SGR$^{+17}$, TV11, TMLI19, WLI$^{+09}$, WLL05, WMWA12, WBP$^{+12}$, WXWL20, WLPW16, WWL$^{+17}$, WCXL18, ZGI$^{+14}$, BFI14, DI15, KPB14, KD16, MCH$^{+15}$, ARZ$^{+14}$, PJK$^{+14}$, YMT$^{+14}$. Modelled [YLIH$^{+15}$, ZSY$^{+14}$]. Modelling [AKV18, AFMS19, BFB19, GPF$^{+20}$, LGM$^{+19}$, TAI$^{+19}$, ZKI$^{+16}$. Models [ATA$^{+17}$, AR09, APRS11, ALWG18, AAE11, BTTR11, BHMA06, BU17, CNM11, CGPW06, Da16, EW04, FL18, FWA10, FLK07, GzSI11, GZS12, HS09b, KC11, KL11c, LL11, cLWA07, LW13a, LLA19, MBP$^{+18}$, MLZ18, MKKS20, NSNN12, PB12a, PG18, PW21, Pau18, SFB$^{+08}$, SZZ$^{+19}$, Smi09, SYL19, TIA$^{+11}$, THH$^{+19}$, TRBK08, TBKH05, VdTV19, VSR$^{+06}$, VF09, VBG$^{+18}$, WYF$^{+19}$, XSS17, XWF07, ZWL$^{+12}$, ZZ18, dJP08, HM15, KFKH14, SPWF14, ZSY$^{+14}$. Modes [UAH16, DB14]. Modifiication [BYZ$^{+18}$, CMZM20].

Modifications [TLSA18]. Modified [BA18, EAS12, MCCZC08, SDD$^{+16}$, SKD$^{+07}$, XLL$^{+18}$, ZLZS17]. Modular [RM18]. Modularity [HK12, WZ14]. Modulated [CHW$^{+18}$]. Modulator [CRP12]. Module [MB20, NWZ$^{+20}$, ZNZ15]. Modules [JLYZ16, KZW$^{+18}$, KMG$^{+05}$, LLH$^{+07}$, LGW20, LHC18, MSQ18, MSZ19a, MTSCO10, PM20, WLCP11, XLL$^{+20}$, GGZZ14, LLI16a]. Modulizer [MBB$^{+17}$]. Molecular [AFAAW$^{+11}$, ADPH11, BZ07, BS01a, CGLF12, CKWY12, CBES11, DM09, FSMJ05, Han10, KBP14, LCW$^{+18}$, PZS$^{+20}$, RPF$^{+13}$, RTA$^{+16}$, RCBB19, SSV$^{+19}$, SMPS20, TMLI19, WLC11, WB11, ZGC$^{+05}$, XB11, ZNZ$^{+11b}$. Molecules [ARP$^{+16}$]. Moment [BBW18, MLZ17]. Moment-Based [BBW18]. MongoDB [LQY$^{+20}$]. Monitoring [PTH$^{+18}$]. Monte [GJY$^{+14}$, ADTAQ16, AKV16, Bi09].

MOPSO [CZJ17]. Morphogenesis [CHC$^{+05}$, JGRB15]. Morphology [ZCW19]. Morphometric [wTCAK$^{+20}$]. Morphometry [JFR$^{+19}$]. Most [IMA13]. Motif [BNV$^{+13}$, CW11, CL08, DBR07, HLH11, JL10, Kar12a, KLI1a, KCI1, LFS06, LMPT15, LCLL10, hMBJ11, LHL$^{+19b}$, LT07, MIC$^{+07}$, MM17, RLVD04, RSJK13, WLPW16, FWY$^{+15}$, MMFD14, Tan14, YHV$^{+15}$, Bi09, CHK17, MMFD14, ZZH18a]. Motif-Based [MM17]. Motifs [AFMS19, ACPO, BVBF$^{+11}$, BVN$^{+11}$, CFOS06, CSS11, DS19, DZY21, KL19, LNZ$^{+20}$, PCGS05, RA16, SKDA19, SREK19, SIK20, SSFW12, WHWP12, Wer06, XCR21, ZZH18b, FWY$^{+15}$, LYG$^{+14}$. Motifs-Based [SSFW12]. Motion [BM20].

Motions [CBES11]. Mouse [JZL13, NPK$^{+07}$, RLRH18]. Moves [BGHM09, GZSI12, KHT$^{+18}$]. MPGM [KG10]. MPIGeneNet [GD18]. MR [BMT17, ZQZ$^{+21}$]. MrBayes [LHG$^{+16}$]. MRFly [DGRC15]. MRI [GH15, HYR$^{+19}$]. MRI-Derived [HYR$^{+19}$]. miRNA [LHC18, PM20, WMWA12, XLL$^{+20}$, ZK16]. MS [BTTR11, KBBD$^{+17}$, RTWR15, SL$^{+19}$, TZZ$^{+19}$, TTRZR13, ZWD$^{+17}$]. MS/MS [SLL$^{+19}$]. Multi [ASP20, APPG18, BMT17, BA18, BU17, DLY$^{+21}$, GSC$^{+18}$, GZC$^{+17}$, GCL$^{+18}$, HZW$^{+17}$, HLX$^{+21}$, JFR$^{+19}$, JM12, KPK$^{+17}$, LHL$^{+19a}$, LJK$^{+12}$, LC19, LLQ20, LNZ$^{+20}$, LLZ$^{+20a}$, LW20, NHTD17, P117, PZH20, QDZ$^{+21}$, SLX$^{+18}$, SDH20b, SWX$^{+19}$, SWL19, SSF18, TGP$^{+15}$, WMK16, WMK17, WYHD17, WLX18, XWR16, XZG$^{+18}$, YZF$^{+21}$, YRZ$^{+13}$, YSW$^{+17}$, YGY$^{+19}$, ZWGC17, ZH17, ZWHC19, ZGZ$^{+20}$, ZY20, ZHE19, CR14, GMCB14, Gu16, HWK14, KKC$^{+14}$, LLCZ15, RHH16, WHZ14, WXG$^{+17}$]. Multi-Assembly [TGP$^{+15}$]. Multi-Block [KPK$^{+17}$]. Multi-Channel [BMT17]. Multi-Core [LHL$^{+19a}$].
Multi-Dimensional [PL17, SWL19].
Multi-Domain [LNW20]. Multi-Dose [SWX+19]. Multi-Factored [ASP20].
Multi-Feature [LLZ+20a]. Multi-Functional [WMK16].
Multi-Modal [APPG18, DLY+21]. Multi-Objective [BA18, GSC+18, GCL+18, XZG+18, ZWC17, RHH16].
Multicore [GDM18, MTM+15]. Multicriterion [YM11].
Multidimensional [HCA+10].
Multidomain [JHH12, WKE11].
Multifractal [DSVV18]. Multigenomic [GXSZ17]. Multilabel [WL13b, YRD+14a].
Multilabeled [GJS11, HS11M11].
MultIMAGNA [VM18]. Multimeme [NTCO07]. Multimodal [GCZ18, HS09a, HS09b, HHCY20, LGB15, SWL19, LLCZ15].
MultimotifMaker [LZL+20].
Multinomial [LW13a]. Multiobjective [HKK07, LZW20, MPF12, MMB+13, TGK13, TGD+16, GAVRL15, MM14b, SB12].
Multiparameter [SSDN12]. Multipartite [VM07].
Multiple [AM19, AAH+18, ALWG18, ABS15, BAK06, BRZ+17, BL12, BHMCL16, Bro05, CW12, CWLS15, CGPW06, DBZ12, DK17, DG19, DB18, EMDH11, GTC+21, GZC+17, HL16, HKT+18, HVG04, HS15, HPL+13, HZL+17, HB11, JLYZ16, JXN+16, KG20, KKC16, LH10, LHZH17, LWT+18, LCC+11, LW13b, MSQ18, MMH15, MR10, NP13, NTR16, PS11, PW20, PT09, PS15, QL09, QCW+16, RLR20, RM18, SHUP19, SIK20, SK12, SSFW12, SPWF14, TDY+18, TDA+09, VM18, WS08, WLMW+11, WB17, WXG+17, WHKK07, WPL15, WLA+13, YHCS19, YLL+06, YFWZ16, ZLF+21, ZLPW16, ZZCD19, ZF19+19, ZLL17, DNR15, MW16, PN+14, YIW+15, YRD+15].
Multiple-Filter-Multiple-Wrapper [LH10]. Multiple-Filters [BHMCL16].
Multiple-Grain [JLYZ16].
Multiple-Sequence [NP13].
Multiple-Structure [WS08].
Multiple-Swarm [ALWG18].
Multiple-Valued [LW13b]. multiplier [CL14]. Multipliers [HYL+19].
Multipositional [GLW12]. Multiprotein [HK12].
Multiresolution [CSZT19, HYC12, ZKL18].
Multisample [PR18, SSS13b, ZYW+13].
Multiscale [GGH+13, GCZ18, HMW+12, NNM+12b, SZL+20, SCCDK09, ZLW+11].
Multiseed [KNN05]. Multistage [DLT10].
Multistate [GG11].
Multitask [FB19, LZH18, XPY11].
Multivariate [KP13, Kuk13, PPFG20, ZAZ11, CBN15].
Muscle [BMT17, SXL+14]. Muscular [BCL+13a].
Mutagenesis [VGBK19].
Mutagenic [Che16, YCYC12].
Mutant
Mutants [DSZ+06, GCC+14].
Mutated [LGW20, SAE+20, ZZ18, ZW19].
Mutation [DSZ+06, KKI20, LHD518, MYCW12, RYK+19, Tho16, TOHYZH19, WGK16].
Mutations [DFM+11, HCMB18, KCZ+15, KKC16, MBP+19, PBJ12].
Mutli-Features [DSZ+18, KKI20, LHDS18, MYCW12, RYK+19, Tho16, TOHYZH19, WGK16].
Mutli-Features [BYZ+18].
Mutual [DGH+06, LDM18, MPA15, SMRP15, TZ16, ZGB+12, HH06].
My [MZSL19].
myonuclear [SXL+14].
Myosin [ZLS+19].
NAHAL [FMD18].
NAHAL-Flex [FMD18].
Naive [WDS+12, LW13a, SSP+17].
Nakhleh [CLR09].
Name [YSC13, HWK14].
Named [AV17, LJ20, HK15].
named-entity [HK15].
Naming [STB+20].
nanotubes [MZS+16].
Nascent [AALD17].
National [FJJ18, GJH19].
Natural [ZDL+19].
Nature [BS08, LZW20].
Nature-Inspired [LZW20].
Naturelike [BPP+13].
NeRNA [SBY12, LTaS13].
Near [BMH+16, BEW09, SDB+07, MW16].
Near-Linear [BEW09].
Near-Perfect [SDB+07].
Nearest [AC12, AW18, ZSC+10].
Necessarily [PK13].
Necessary [Son06].
Negative [JZQ19, JGW+21, LHW+18, LCH19, PNP+18, RM18, TZW16, WLG+16, XL16, YHC19, WLG+14].
Negative-Transfer-Resistant [JGW+21].
nearby [HS15, LAI+14].
nearby-joining [LAI+14].
Neighborhood [BS10a, GRH08, LX21, LGN+19, MZL15].
Neighborhood-regularized [LX21].
Neighborhoods [CCLS13, HW13, LBL12b].
Neighbors [AC12, AW18, MQOH21, ZSC+10, LMZ14].
Nested [Wan12].
Nest [BRS18, CNM11, ZLH+17].
Nets [RPBP18, WMK16].
Network [AKMT12, AKV16, ABS17, BDS12, BMK11, BA18, BSLR05, BNV+13, CX+13, CMMZ20, CBM+20, CMQ+16, DFTC12, DS19, DKY21, EMK18, FHRG14, GLL+18, GPMH16, GSC17, GH05, HAK+12, HS09b, HW07, HGM18, HL+21, JDC12, KCP19, KG20, KZW+18, KAHK+10, LCW13, LCZN16, LNC+19, LMZ+20, LLES18, LLZ+13, LHZ17, LLL+15, LWL+19, MSZ19a, MM+13, MGC19, MLZ18, MKKS20, MGKG17, MM17, MWSL18, MV+13, NNSZ07, PSS09, PL+17, PZH20, PCDP18, QDZ+21, RC11, RB16, RV13, SQZA14, SvdSS+18, SMPS20, SDO+20, SMZ17, SWL19, TIA+11, TLA18, TDZ+19, TML19, TDK+13, TP18, TC13, TOHYZH19, VSR+06, VM18, WHWP12, WRL+19, WYF+19, WYHZ20, Wer06, WKG16, WW19, XFW07, XW16, XOYHZ18, YXYC13, YFC17, YG19, YCC12, YGY+19, ZZK18, ZZL12, ZZ15, ZWL15, ZHA18, ZXL18a, ZXL18b, ZP+19, ZZ19, ZZZ20, ZZBH20, ZKK+16, ZS18, ZWD13, ADTAQ16].
Network [BDBH15, FZM15, HLW15, LP15, MMFD14, MG14, SEC15, TOW+14, WZC+15, XLC+15, XMM+16].
Network-Based [GSC17, PSS09, RV13, SMPS20, WK16, FHRG14, SQZA14].
Network-Lasso-Constrained [GHL05].
Network-Regularized [MLZ18].
Networking [DG19].
Networks [AVD+12, ARK02, AGAS18, AAH+18, AFJ12, ARS17, AAT20, ABS15, APPG18, AJS20, BBW18, BGHC20, BDS+12, BZ07, BCL+13a, BvBF+11, BD19, BS10, BJ10, BPJ12, BVL+11, BCD+21, CZ10, CRV09, CLR09a, CLR09b, CLR09c, CPR21, CDB+16, CC07, CW12, CXW+13, CHW+18, CWG+18, DZ16, DS19, DBN18, DT11, EAS13, ECK16, EMK18, FMRS18, FZWS17, FWX19, FSD16, FSX19, FPPT11, FKB19, FSD+11, GH08a, GPZ20, GTM+21, GDM18, Gos11, GBB+11, HK20,
HLM\textsuperscript{+13}, HB05, HC19, HS09a, HF07, HM13, HAH13, HMW\textsuperscript{+12}, HLY\textsuperscript{+16}, HC13, HYL\textsuperscript{+19}, HHC20, HvIKS11, HDKS04, Hus09, INT11, IBN19, IL18, JvI18, JBG0LS19, JLYZ16, JSS\textsuperscript{+18}, JZS\textsuperscript{+18}, JNST09, JFN11, JHZL19, KBNH18, KN05, KP12, KCC15, KSB12, KKC16, LFS06, LCTS08, LSMF08, LLH\textsuperscript{+07}, LL11, LCZN16, LT17, LLNW17, LZL\textsuperscript{+19}, LHCL20, LLQ20, LLL16b, LQZ\textsuperscript{+20}, LN20, LLYS21]. \textbf{Networks} [LW13b, LTRW19, MSQ18, MQOH21, MSP\textsuperscript{+19}, MPP\textsuperscript{+20}, MBGP12, MPA15, MDH11, MPSY18, MPQY19, MDD18, MNW\textsuperscript{+04}, MPDR18, Nak10, NRV09, NWZ\textsuperscript{+20}, NI07, NSNN12, OMAAd\textsuperscript{+12}, OYDZ15, OC13, PB12a, PAL\textsuperscript{+12}, PSPM20, Pau18, PLCW17, FZWC20, PH10b, PCK19, PNP\textsuperscript{+18}, PB12b, PPZ12, PR12, PSC20, PKA18, QD12, RST10, RMV12, RRTB12, RMS15, SdOD\textsuperscript{+12}, SREK19, SS06b, SSV\textsuperscript{+19}, SDH20b, SZL\textsuperscript{+20}, SV16, SPA17, SNM12, TLA\textsuperscript{+11}, TAAP11, TWG\textsuperscript{+12}, TGK13, TGD\textsuperscript{+16}, TV11, TGGF10, TGP17, TR07, TDK13a, UWLH15, VRK12, VBB18, WLI\textsuperscript{+09}, WLCP11, WWLL16, WP08, Wll11, Wll12, XWF07, XGWW19, YDW\textsuperscript{+20}, YKWK18, YFWZ16, ZM12, ZLY\textsuperscript{+13}, ZZN15, ZWZ16, ZMZ17, ZZCD19, ZZF\textsuperscript{+19}, ZWH1C19, SZD08, ZWW17, ZWDR20, ZWD\textsuperscript{+17}, ZZWD13, ZDYH17, Zou13, djP08, viKK\textsuperscript{+09}, CZWT15, CXS15, DYD15, GTDK15, HKLN14, KH14, KD15, LWL\textsuperscript{+15}, MW16, MM14a, NCMCAR15, PWC\textsuperscript{+15}]. \textbf{networks} [RHH16, SRLR14, XG14, ZWL14a, ZWC15]. \textbf{Neural} [AAT20, CZ20, CC07, FSX19, HB05, HF07, HLL18b, KN05, LSMF08, LHCL20, LLQ20, LLYS21, RMS15, SSV\textsuperscript{+19}, SWL19, WYHZ20, XLZ\textsuperscript{+15}, XWF07, ZZHI19, ZZBH20]. \textbf{Neural-Genetic} [KN05]. \textbf{Neuroimaging} [WLA\textsuperscript{+13}, ZKL18]. \textbf{Neuroinformatics} [NPK\textsuperscript{+07}]. \textbf{Neuron} [PTM\textsuperscript{+19}]. \textbf{Neuronal} [TGK13, TGD\textsuperscript{+16}]. \textbf{Neurotoxin} [MWLS18]. \textbf{Neurotoxin-A} [MWLS18]. \textbf{Neutral} [BWC17]. \textbf{NewGOA} [YFWZ18]. \textbf{Newton} [CAW\textsuperscript{+19}]. \textbf{Next} [BBN18, FS13b, AKD17, PNP\textsuperscript{+18}, WPL15, YWW\textsuperscript{+18}, CWLZ14]. \textbf{Next-Generation} [BBN18, FS13b, PNP\textsuperscript{+18}, YWW\textsuperscript{+18}]. \textbf{Ngram} [LCB17]. \textbf{NGS} [LLZ\textsuperscript{+20a}, SSD19, YWW\textsuperscript{+18}, ZnCX17]. \textbf{NGS-FC} [YWW\textsuperscript{+18}]. \textbf{Nipple} [PWZ15]. \textbf{niger} [OMAd\textsuperscript{+12}]. \textbf{NMF} [Mir14]. \textbf{NMFGO} [YWF\textsuperscript{+20}]. \textbf{NMR} [AAG18, CCA12, WL07]. \textbf{NNI} [BEW09]. \textbf{NNI-Based} [BEW09]. \textbf{No} [Wan16]. \textbf{Noah} [HBC\textsuperscript{+11}]. \textbf{Nodal} [CLR09b]. \textbf{node} [ZZ15]. \textbf{Nodes} [ABS15, LP15]. \textbf{Noise} [AKS13, BHS21, FN14, JRN\textsuperscript{+18}, NVSH18, SSDN12, ZZ07, WLY15]. \textbf{Noise-Induced} [SSDN12]. \textbf{Noising} [YFCM17]. \textbf{Noisy} [IGA18, KBND19, MDM13]. \textbf{Non} [HSS18, ZZQ19, KB17, KB19, LLHL19, LWG\textsuperscript{+18}, RM18, WLG\textsuperscript{+16}, Wig15, WCMB19, XL16, YHCS19, ZZK18, ZWX20, ABH\textsuperscript{+14}, KGK14, MM14b]. \textbf{Non-Binary} [KB17, KB19]. \textbf{Non-Coding} [LHHL19, ZWX20]. \textbf{non-fixed} [ABH\textsuperscript{+14}]. \textbf{Non-Invasive} [WCMB19]. \textbf{Non-Linear} [HSS18, Wig15, KGK14]. \textbf{Non-Negative} [JZZ19, LWG\textsuperscript{+18}, RM18, WLG\textsuperscript{+16}, XL16, YHCS19]. \textbf{non-redundant} [MM14b]. \textbf{Non-Steady} [ZZK18]. \textbf{Nonbinary} [JvI18, LS09]. \textbf{Noncoding} [CAN\textsuperscript{+08}, ZHEB05, SLW15]. \textbf{Nonconvex} [YZG\textsuperscript{+17}]. \textbf{nonexcitable} [LOCMG14]. \textbf{Noniterative} [JDCC12]. \textbf{Nonlinear} [AAT20, DZ11, LRM08, LL11, NSNN12, SdOD\textsuperscript{+12}, WLL\textsuperscript{+09}, YPS11]. \textbf{Nonnegative} [Han10, JHX17, LN13, MHHL20, WHF\textsuperscript{+20}, YWF\textsuperscript{+20}, ZWX20]. \textbf{Nonoverlapping} [Kur13]. \textbf{Nonparametric} [LTM\textsuperscript{+13}, LHT11, LGX10, Mir14, TIA\textsuperscript{+11}]. \textbf{Norm} [LZH18, WLZ\textsuperscript{+19}]. \textbf{normal} [WDX\textsuperscript{+15}]. \textbf{Normalization} [CLM10, DLT10, LYH12, SWH\textsuperscript{+12}, VRJ\textsuperscript{+10}, RTWR15]. \textbf{Normalized}
[WPL15, YH13]. Normalizing [WYH17]. norms [MMSH14]. Note [Ano10c, BS11, GPZ20]. Noun [Ozy12]. Novel [AKNB07, AC12, CSW11, Che16, CWZ08, CZM+18, DPA+17, DBN18, DKDD10, DZ11, FVP+20, GPC+20, HZZY16, HZW+17, HLHAJ20, JGW+21, KHO+20, KCP18, KZL15, LTL+19, LLZC12, LLTC19, LHC18, MRB12, MPF12, MGC19, NPD+17, PSIM17, PSN+15, RBB+19, SP11, SBM15, SYKM17, SSS13b, TQ08, TDA+10, TK05, WWC18, XL20, YLXS17, YXYC13, YM20, YC08, YH13, YSZ+17, YCZ+18, ZZX19, CL14, GZGX14, KPB14, LLL16a, STT15].

Note [CPM18]. Novel [Bi09, SB12, AKR12, DST+15, HG16, KSS15, ARZ+14, YKW17, ZFZ+20, CLVT+20, LL+20, GAJ+18, LLH+17, LMZL17, ZWW+20]. Novelty [NovoExD]. NP [YKW17]. NP-Hard [LGZ+17]. NR [SK18]. NS1 [RA20]. nsSNPs [GED+17]. Nuclear [HCA+10, ISK18, CZB+16]. Nucleosome [CGZ15, CHN+18, GZGX14]. Nucleotide [CW07, CL08, KT07, LLTC19]. null [LWM14]. Number [BB04, BHMA06, BFK17, BS07, CW09a, DR16, Gru11, MA12, MW21, NVSH18, PKRD12, PK13, QSJ+20, SDCW11, TWW+20, WHXS17, XL16, XL20, YCCM12, ZANN20, ZmCXS17, ZRK19, dNG17, DR14, LWM14, MMSH14, SB16]. Numbers [YH13]. Numerical [FMD18, SCCDK09]. NURBS [IGA18].


Oligomeric [SKDA19]. Oligonucleotide [HS11, LEAK11]. Omic [Ano12a, YZP+21, BCLC15]. Omics [MZ17, YGY+19, ZY20, PZH20]. OMIM [LTRW19]. Oncogenes [PG12, YCCM12]. One [LA21, MCHT17, QSJ+20]. One-Class [LA21]. One-Sided [QSJ+20]. Online [SNC+16]. Onto [WCQ+19]. OntoGene [RSK+10]. Ontologies [HXXJ18, LQY+20, MSJP19]. Ontology [ASP20, AMGC16, BM17, CM16, CPM18, DKDD10, DBK18, FML+16, HXXJ18, IBA18, MPM11, PKM06, QZ+21, YWF+20, ZLY+13, XLLZ18a, XLLZ18b, BM14, JC15]. Ontology-Based [CM16, FML+16]. Ontology-Independent [QSJ+20]. Open [Ano13c]. Operation [BFM13, OLS+13]. Operational [WLA+13]. Operations [HS09a]. Operators [GSC17]. Operon [CYTY13]. Optimal [AM19, BBN18, BHS+04, BAK06, BFK17, Dai16, DK13, DYD15, FM+11, HYW08, MRG17, Mnc09, MDD18, SK08, SPMB13, THH+19, WAK13, YOKI09, pB20, ED14]. Optimality [ACC+13]. Optimization [AKS13, CAW+19, Che16, CYTY13, DMD13, ED15, GKS08, GSC+18, GCL+18, HKK07, HSS18, HOS+12a, HOS+12b, nHB13, HGM18, HRD09, IGM+07, JDC12, LYW20, LZX18, MF12, MA09, Mat07, MLZ17, NP+17, NHTD17, NLW+18, ORC13, PAAG07, RKDR11, SDOD+12, SDO818, SB12, SK20, SMMZ17, SB16, VGBK19, WWLL16, WB17, WZZ+18, XSS17, XWF07, XAW07, XZG+18, ZwGC17, ZD17, ZW+20, ZGB+12, GAVRL15, Gui16, SPWF14]. Optimization-Based [ED15]. Optimized [EFLA08, HDS+18, GH15]. Optimizer [GSX+18]. Optimizing [Bro05, FW20, Jam18, KBBB+17, LMZ14, PB12b, Pol11, TC16]. Optimum [WS08]. Option [QBPEL12]. Order [BRF17, KZC+15, LCZN16, LCGW19,
MGKG17, PB12a, Wig15, ZZH19, DWZ+15.
Ordered [ZZKW18].  Ordering [BG17].
Orderings [SMB12]. Orders [JSA08, HZZT14].  Organism
[ACC+13, SLX+18]. Organisation [MDPR18]. Organisation-Oriented
[MDPR18].  organism [WFD15].
Organization [ZZH+20, ZWW17, WZ14].
Organized [WZ14].  Organizing [WZA07].
Oriented
[CLH+15, LHG+16, MCD+11, MDPR18].
Origin [BPJ12, RB14].  Ortholog [VKM07].
Orthologous [CFZ+05, ZZS18].
Oscillation [Wig15]. Oscillations [WGP11].  Oscillators [VMZM17].
Oscillatory [ZLL+20].  Oshell [LHN+14].
Other [AKS13].  OTU [NSZK15].
Out-of-Frame [RLRH18]. Outcome [MFF+18].  Outcomes
[HYC12, MCHT17, PGHT12].  Outgoing
[Gus09b].  Outlier [CWL12, OFC14].
Outline [IGA18].  Output [Wan12].
Output-Sensitive [Wan12].  Ovarian
[XLL+20]. Over-Approximation [FL18].
Over-Sampling [ZLZ+19].  overlap [KD15].
Overlapping [LHDS18].  overlaps
[SSKH15].  Overproduction [DMD13].
Overview [CBK20, LMK+10].  OWL
[LQY+20].  OWL-Based [LQY+20].
P [CXS15, TAL+15]. P-Finder [CSX15].
p53 [DSZ+06, ZLL+20].  p53-Mdm2
[ZLL+20].  PacBio [LLBL20, LZL+20].
Pacific [HC15, WLC18, YSC9, ZC14].
PageRank [PWZW15].  Pair
[BNV+13, CLM10, KKI20, Tsa12, WZ13b,
ZG19, ZGDH16, OFC+14].  Pair-Wise
[ZGDH16].  Paired
[LLH+17, WLL+20, SKK14].  Paired-End
[LLH+17, WLL+20].  Pairing
[BWS05, JBP08].  PairProSVM [MGK08].
Pairs [BHS+04, ZZS18].  Pairwise
[ALQ17, AH11, BAK06, DK13, MKG08,
VF09, ZLY+12]. palindromes [RB14].
Palytoxin [BCFCC13].  Pan [CRK+19].
Pan-Genomic [CRK+19].  Pancreas
[PLC+20].  Pancreatic
[BMH+16, VDS+20, MFS+15].  Pandemic
[BPJ12].  Panmictic [Wu10].  Papers
[Ano05b, Ano09c, Ano12a, Ano13d, Ano13b,
Ano13c, Cat17, Kim18, LC10, YGFC20,
AS15].  ParaCells [SYL19].  Paradigm
[SSD19, XG14].  Parallel
[BBK+12, BBH12, Dem12, GLS+16,
GDM18, KK19, LLQ20, LHS16, MBGP12,
MAPA15, OMWX09, PJF+19, PTM+19,
PCY+19, PZS+20, TIA+11, ZLS+15,
CFIS+15, GPSV15, GJY+14].  Parallelism
[KK19].  Parallelizable [ATX21].
Parallelization [ZWcF17].  Parallelized
[HTLL12].  Parallelizing [GDWK+15].
Paralogous [ZZS18].  Paramaecium
[iAOSS16].  Parameter
[BBW18, BS11, BBK20, SKK14].
Parameterless [TK05].  Parameters
[JSS+18, NSAH19, SNC+16, SMSZ17,
TBRS13, XSS17, ZOZ10, MBS15].  Parameter-Advising
[DK17].  Parameter-Free [HF12].
Parameterized
[BN06, BvBF+11, SLH+06a, SCC+15].
Parameterless [TK05].  Parameters
[JSS+18, NSAH19, SNC+16, SMSZ17,
TBRS13, XSS17, Zou13].  Parametric
[MSJP19, YAB13, FN14, KGK14].  Parasite
[GAR+09].  Pareto
[ACC+13, DK13, RM13, VGBK19].
Pareto-Fronts [RM13].  parity [EES14].
Parkinson [ZWS+18].  Parsimonious
[CLH13, USMS19, MW16].  Parsimony
[ACPR10, BFK17, BVD+10, BH06, DSt07,
GrH08, GE18, GM09, HZR+19, ICL11,
JN09, LLT+19, NNSZ07, SH06, SLB+08,
TBGL10, WMS09, vKKS08, KO15].
Parsing [RAA10].  Part [Cas06, Cas07,
KJ04, LNY05b, LNY05a, KJ05].  Partial
[BBK+07, HY+11, HDKS04, KK08, MMS10,
QZZ+21, ST19, STB+19, Sm109, TGGF10,
WWC18, ZOZ10, MBS15].  Partially
[SPA17, LV14]. Particle
[BU17, CYTY13, GSX+18, HKT+18, HGM18, NPD+17, NHTD17, SIK20,
WZZ+18, XWF07, XAW07, ZwGC17, ZCR+17, GBLZ14, SPWF14]. Partition
[Ma09, TC16]. Partition-Optimization
[Ma09]. Partitioned
[LWS+20]. Partitioning
[HKLN14, BM15]. PASA
[JWZ+20]. Path
[BCL13b, DNS19, HWPE17, HS08, LTL+19, ME19a, ME19c, SK19, Val11, WL19, ZD17,
ZWRPZ19, BM14, ARZ+14, SVM14]. Pathway
[AJD+12, BEQD19, CNM11, HHYH07, KDS+20, LLH18, PPM+13, PIPC18,
RAM17, STD20, TP18, WGG16, YM20, YG19, ZKW19, ED14, IYH+16]. Pathway-Based
[BEQD19, YG19]. Pathway-Induced
[TP18]. Pathways
[ATA+17, AAH+18, AFMS19, DMD13, ED15, FKLS07, GLS+16, KCP19, KSN+12,
SBRK11, UWLH15, ZZ13, ZZ18, GJPSV14]. Patients
[FLJS20, HEE+18, MFF+18, PvRV+20]. Pattern
[BS04, CLST+13, CLZ+18, GGJ+06, Han10, HPL+13, LSTW+17, LJ+12, LWC+18, MB16, RB16, ST006,
SHJL10, WMWA12, ZYW17, ZZ+11b, ZAZ11, ABH+14, KD15, MNA14]. Pattern-Based
[MB16]. Patterns
[BLR08, CLW13, CLC+17, Gra04, MMH15, ML18, MB16, MCHT17, PG06, PCGS05,
SB09, XLT16, ZGC+05, CA14, GÁVRRL15, KGK14, TYL+16, WL14]. PBN
[MPSY18]. PC
[LHL+19a, TSMMG+13]. PCID
[HZW+17]. PCR
[Che16, YCCY12]. PCR-RFLP
[Che16, YCCY12]. PCs
[LHL+19a]. PDZ
[HZTP12]. Peak
[PH10a, YLXS17, YHYY12, YLL+06, ZLW+11]. Peak-Labeling
[PH10a]. Peakbin
[ASI+11]. pediatric
[ZMP+14]. Pedigree
[HWPE17, MYCW12, PVB+12]. Pedigrees
[HWPE17, PG06, PBJ12]. Pelvis
[QZZ+21]. Penalized
[LW19b, PSIM17, ST05, ZZ+11b, IYH+16]. Penalty
[LNR+09, LLT10, YZZG+17]. Penetrating
[WCLY20]. Pepsin
[AHT+18]. Peptide
[AKR12, BBN19, IDD13, JXN+16, KNTB18, Lz18a, LMZL17, WM19a, WWT+20,
YKW17, YM2+12, YHYY12, dAc17]. Peptides
[WXY19, JKN+12, VKS17, WCLY20]. Percorlation
[BMI+16]. Percolator
[YM2+12]. Perfect
[BBSP08, BBCP07, GG11, HKM+18, KS14, SM08, SDB+07, vIKKS08]. Perform
[ATA+17]. Performance
[iAOSS16, BGS+12, BWRF12, CNM11, Dal16, HBH12, Jam18, LHG+16, Maz12, pD20]. Performing
[AKD17]. Periodic
[AKMT12]. periodicities
[MEOL14]. Periodicity
[KM20]. Permeation
[KL11c]. Permutation
[Gru11, MTNH17, TW10]. Permutation-Based
[TW10]. Permutations
[GBD17, HZL19, XYYZ20]. PerPAS
[LLH18]. Personal
[GSX+18, WAG19]. Personal-Best-Position
[GSX+18]. Personalization
[LLH19]. Personalized
[Ano12a]. Perspective
[CYL+21, CM13, YHY13, SRLR14]. Perturbation
[BDIS2, FKB19, HAH13, RM18, WWLL16]. Perturbed
[ZZKW18]. Petri
[BR18, CNM11, RPPP18]. Pharmacologic
[SSK+20]. Phase
[BCL+13a, RCM+19, ZCR+17]. Phasing
[BZ08, GMP08, MW20, PVB+12, YXYC13]. Phenomena
[MNND13, NNM+12a]. Phenotype
[ABVD12, CSW11, DMJ+18, ED15, RLR20, WDX+15, ZPW+19]. Phenotype-dependent
[WX+15]. Phenotype-Specific
[ABVD12]. Phenotypes
LLNW17, LTRW19, MQOH21, OC13, TDL+19, VB+18. PPIs [LZ18b, ZLZ+19].

placer [LFK16]. Practical [DBR07, HLY+16, HvIKS11, ME19a, PBV+12].

Practice [SDB+20, BF14]. PRBP [MGXS15]. pre
[SYKM17, TSM14, KTL15]. pre-miRNA [SYKM17]. Pre-miRNAs [KTL15].

pre-processing [TSM14]. Precise [ZANN20]. Precision [SJZ19].

[LSV+20, LZZ+16, WCLY20, WWT+20, ZHG20, TW10]. Predictable [UWLH15].

Predict [CPM18, RSG18, Xu05].

PredictFP2 [WWT+20]. Predicting [ATA+17, DZH16, DKDD10, EMDH11, FYSM12, FYW19, FFC20, GJPSV14, GLW12, GED+17, HZW+17, HCL17, HZT+17, HHL+20, HMK+07, JHJ12, Jia10, JM12, JHXP15, KKI20, KTL15, LWL+18, LNC+19, hLMBJ11, LWL+20, PLF12, PLCW17, QWC+16, RMV12, SDH20a, SMB15, TWZP14, TR07, WFD15, WMK16, WCC+18, WYHZ20, WXWL20, WWBZ19, WLL13, YWN+19, YZG+19, YWK18, YHZ+19, YRD+15, YFWZ16, YFWZ18, ZG+05, ZLZ+19, ZHZ19, ZWX120, ZXZ20, ZBBH20, ZZD13, vBDRD+11, BDBH15, GZGX14, XG14, YDW+20]. Prediction
[AAFAW+11, AL12, AM12, AAE11, BM17, BYZ+18, BS10a, BM20, CSW11, CC07, CWL12, CHZ+16, CGW+16, CM16, CGPW06, CYTY13, CBF+18, DNS19, DPS+13, DCM20, DFM+11, DCVCI11, EZZ+17, FSRD16, FSX19, FB19, FWA10, GSC+18, GZR+18, HZZY16, HEE+18, HZTP12, HYC12, HCLS11, HHCY20, HRdR09, IDD13, JBP08, JLC11, JQH+20, JKN+12, KCD+12, Kar12a, KS18, KNTB18, KZW+18, KAP+12, KY19, LSMF08, LQV+13, LPH18, LH20, LLRZ15, LLX+16, LYL+17, LC19, LX21, LZh19, LHL+19b, LQZ+20, LBQ+13, LDL+17, LTRW19, MGL+12, MGXS15, MKG20, MP19, MK16, MLZ18, MPM11, MSS13b, MFF+18, MW21, NZR11, OM07, PI09, PS19, QL16, QL09, QBPE12, RLR20, RFFB+20, RP13, SFMS18, SMRP15, STD20, SSS13a, SDH20b, SLRQ19, SYKM17, SW+19, SLW19, TW10, Val11, WMK17, WL13b, WX+19, WDH08, WHS04, WZ13a, WWL+17, XHY+18, XPXY11, YZP+21, YXS16, YL12].

Prediction
[YRD+13, YSW+17, YWF+20, ZLL17, ZLH+20, ZD12, ZLY+13, ZLPW16, ZLH+17, ZCG+18, ZZF+19, ZWM+20, ZWL11, ZG19, ZLX+20, ZHE19, ZL15, AJYT+15, AM15, BHW+14, CM15, FHRG14, HRHP16, SEC15, TYA15, WHZ14, YMT+14, YRD+14a, YRD+14b, YLH+15, ZHL+14].

Prediction-Based [BM20]. Predictions
[BRZ+17, DPW12, KL11a, NSAH19].

Predictive [ALWG18, HW07, LLX+11, VB+18, AM15, CB15]. Predictor
[MGXS15]. Preferences [SDH20a]. Prefix
[KK19]. premature [WDX+15]. PREMER
[VBB18]. Preprocessing [ICL11, ZANN20].

PreProPath [UWLH15]. Presence
[MSG18, DYD15]. Preserve [BMM06].

Preserves [RBdJ11]. Preserving
[ANR11, BKP+19, BM08, FZM20, HB19, RTPM+19, SJNS19, ZDYH17].

Pressures [CS15]. Preterm [FMA+20].

Prey [ZD17]. Primary [YHZ+19]. Primer
[Che16, YCYC12]. primers [CFS+15].

Principal [BKLS18, GPC+20, Han10, dCAR11, LLH+14, Nye14]. Principle
[BGHM09, CCW12, ZW11]. Principles
[PR18, Tho16]. Prior
[KB20, QZZ+21, TAAP11, ZWHC19].

Prioritization
[CM16, CPM18, GSC17, PBV+20].

Prioritizing [XPH12, ZZRP19]. Priors
[BQDI19, ED14]. Privacy [AJM18, ANT19, BBH+18, BKP+19, MZSL19, RCP+18, RTPM+19, SJNS19, WAG19].
Privacy-Preserving [BKP+19, RTPM+19, SJNS19]. Private [BKL18, GFG16, MZSL19]. pro [WFD15].

pro-longevity [WFD15]. Probabilistic [BTTR11, BCFC13, CHL+16, DHC12, ED15, FFT16, HZT14, JMA17, JZL13, JFN11, KC11, LEAK11, MHKR12, MPS18, MPSY18, MSS13b, NGY+16, SREK19, SSP+17, TML19, TZY11, TDK13a, TDK13b, WPL15, ZK16, FHRG14, GTDK15, PJN+14]. Probability [INT11, CZWT15].

Probe [CZ20, LEAK11, MSH+11].

Probabilistic [BTTR11, BCFCC13, CHL+12, CMQ+16, DHC12, ED15, FFT16, HZT14, JMA17, JZL13, JFN11, KC11, LEAK11, MHKR12, MPS18, MPSY18, MSS13b, NGY+16, SREK19, SSP+17, TML19, TZY11, TDK13a, TDK13b, WPL15, ZK16, FHRG14, GTDK15, PJN+14]. Probability [INT11, CZWT15].

Probs [HKS11].

Problems [BBSP08, BN06, CW11, FM11, LGZ+17, LCC+11, RZMC17, UKV18, WBE13, vIPKS08, vIJ+20, KS14].

Procedure [ICL11, NSNA19, MBS15].

Processes [AAF+13, ABVD12, NFM+12, RKZ16, ZC11, HM15, MCH+15]. Processing [Dem12, GSK13, HCQ14, OLS+13, SSD19, WYWX16, ZDL+19, CFIS+15, MM14a, TSM14].

Processivity [ZLS+19].


Production [LC19]. Profile [HVG04, MK08, PW21, TWW13, ZZY+17, ZXZ20].

Profile-Based [TTWR13]. Profile-Guided [ZZY+17]. profiler [CA14].

Profiles [BGS+12, CGPW06, HHYH07, IVA11, JQH+20, KCCCI15, MSS19a, PKRD12, POS+18, QV17, SSS13b, SB09, WPL15, YLY+12, YOKI09, YCY+14].

Profiling [FSMJ05, HCA+10, KKK19, NS19].

Profitable [UWLH15]. Prognosis [MCHT17, SZLL11, SWL19, ZLPW16].

Programming [BBK+07, BCD+21, BH06, CLH13, CSSS16, CLR10, HT09, MIC+07, OC13, PI09, SLB+08, VKS17, VBG+18, WYL07, WCL11, LV14]. Programs [DKY21]. Progression [CSSS16, PSS09, RB16, SSK+20, WGG16, ZLH+17, ZW19]. Progressive [GRH08, HGVO4]. Project [HHLO19].

Projection [RLV04, WCQ+19].

prokaryotes [MBS15]. proline [AJYT+15, YMT+14]. Promising [MKKS20, WLG+14]. Promoter [COS06, FLW12, ZZC+10, HPH+18].


Proposal [Pre04]. Prostate [FYZ+19, KCP18, XPH20, ZXL19].


Protecting [RCP+18]. Protection [MZSL19]. Protein [ASJ+07, AC12, AM12, ADPH13, AAE11, BCS11, BM17, BWC17, BYZ+18, BSV10, BTYCI13, BM12, BVN+11, BNV+13, Bro05, CCA12, CLST+13, CC07, CWL12, CHZ+16, CZW+18, CDKT09, CGPW06, CBF+18, CHK17, DLT10, DKCM12, DZA+06, DNS19, DPS+13, DDS+17, DS19, DCCV11, DSCM20, ECK16, EMK18, ED15, FSDR16, SX19, FJ11, FMD18, FB19, FWA10, GSC+18, GBS11, GED+17, HBRU13, HK20, HLV+10, HCN+19, HZY16, HYY11, HC18,
Protein [MK16, MMB³13, MPP11, MFP113b, MDM13, NZR11, NHH³17, NLXS19, NWW19, OCRJ13, OM07, OYDZ15, PLF12, PLCW17, PR12, Pol112, Pol113, PSX³15, QLZ16, RFFB²0, Roc11, dSRC³11, RSG18, RSP08, RGN³09, SZ11, SYM³10, SDS18, SN12, SDH20a, SH11b, SH1i, STB³20, SLRQ19, SBM15, Str11, SSFW12, SSF18, TRBK08, TRBK09, Tsa12, VMD³08, VBG³18, WMK17, WLYZ³09, WLC011, WSX1, WLMW³11, WLI13b, WYHD17, WP08, WXS³19, WHKK07, WAK13, WLL13, WLPW16, WOYL17, WZ13b, XHY³18, XPXY11, XTL12c, XGW19, YHY12, YHY13, YDM³08, YSGZ20, YWK18, YHZ³19, YRD³13, YRD³14a, YRD³14b, YFWZ16, ZD12, ZDL12, ZDL2, ZLX³13, ZWC17, ZZ18, ZZH19, ZWX1, ZWX1, ZWX20, ZWM³13, ZBB12, ZG19, ZW³17, ZLX³17, ZZD1, ZZD13, ZZD13, ZDYH17, AM15, BDBH15, BF14, CWZ15, CR14, CM15, CXS15, DPL³12, DC15], protein [GJPSV14, GAVRRL15, HLW15, KKG14, KD15, LMZ14, LWHL15, NYOL15, PSK³16, PWZ15, PWC³15, SCC³15, SEC15, TYA15, TAL³14, WL14, WHZ14, XGY14, YTL15, YLY³15, YRD³15, ZMT14, ZZ15, ZWL³14b, ZMC³14, SDH20b, WYHZ20, WST³15], Protein-DNA [ASJ³07, CLST³13, HLZ³17, LSTW³17], Protein-Ligand [AM12, WLL13], Protein-Peptide [YHYY12], Protein-Protein [AC12, ADPH13, BCS11, BSV10, BVN³11, BNV³13, DSCM20, ECK16, FSDR16, GED³17, HLY³10, HMK³07, JLYZ16, KAHK³10, LSY³20, MB20, Mam05, MDM13, NWW19, OYDZ15, PR12, RSG18, SBM15, Tsa12, YKWK18, YHZ³19, ZDL12, ZLY³13, ZZDW13, ZDYH17], Protein-RNA [KSK³18, LW19a, WYHZ20], protein-to-protein [XG14], Protein2Vec [GTL³21], Proteins [CYJ³19, DBK18, FL18, GAR³09, HCA³10, HLG10, KNTB18, LYW20, LCWZ13, LLX³16, LYL³17, LLNW17, LNC³19, MGL³12, MGXS15, NLLG12, QL16, QWC³16, SKDA19, SP11, SSS³11, SSP³17, Tah18, TR07, WKM16, WBP³12, WLP12, WKE11, WZ13a, YFWZ18, ZLF³21, Zha18, ZXLZ18a, ZXLZ18b, ZZDW13, ZZDY13, ZBFK10, dAc17, DGR15, GJK15, LLW³15, PWC³15, TWZP14], Proteome [MSJP19], Proteomic [MCC16, RLRH18], Proteomics [KBBD³17, PH10a], Protocol [JHW³19], prototype [EES14], Protozoan [GAR³09], Proximity [ASP20, JCF13], Prune [WM19b], Prune-and-Regraft [WM19b], PSAD [WLL13], Pseudo [LLTC19, NLGG12], Pseudogene [JZW17], Pseudoknot [CC11], Pseudoknots [Jia10, MWL³12, RAA10, SW17, WHS04, WCL12], PSO [SSS³11, AV17, HYW³17, MM14b, ZWL³12], PSO-based [MM14b], PSPEL [LYL³17], Psychologically [TNQ08], Pubcast [GTTR³17], Publications [GTTR³17], Publishing [Ano13e], Pull [GZ12], Pure [BVD³10, BH06, HVG04, ICL11], Purely [MSKC19], purification [CWZ15], purification/mass [CWZ15], Push [HLN20], Putative [CAN³08, LPH18, SSP³17, YCCM12].
PyMut [LHDS18]. Python [CSZ+19].

QSAR [NSMH19, WB11]. Quadratic [FWY19, RFV20, RB14]. Quadruplexes [LBQ+13]. Quadrupole [CZB+16].

Qualitative [BDS12, INT11, Pau18].

Quality [ANR11, BZ10, CLVT+20, GAJ+18, PV+19, SGR+17, WLG+14].

Quantification [RCBB19, LCOMG14].

Quantifying [FL+14, GF10, SZL+20, ZHL12].

Quantitative [AAF+13, ARM+19, BCMW15, BMZM15, CMC+12, FYS12, IDD13, MVS+13, PLMV12, TRKRC13, RTWR15]. Quantum [Kar12b].

Quartet-Based [WYL07]. Quartets [GBV+13, SR10]. Quasi [CAW+19, Kar12a, LLL10, MMB+13].

Quasi-Bicliques [LLW10, MMB+13].

Quasi-Newton [CAW+19].

Quasi-Supervised [Kar12a]. Queries [Jam18, SVM14].

Query [HHSC13, NSC17, PHX+08]. Query-Based [HHSC13]. Querying [BSV10, FPPI1, Jam17, MCC16, QKÖ18].

Quest [DHCW18]. Question [MKS+17].

QuickVina [HOS+12a, HOS+12b].

Quorum [CZJ17, Kar12b].

r [SIM12, BBH12, VPB15]. R-based [VPB15]. R5 [LSMF08]. R5X4 [LSMF08].

Radial [DM09]. Radiation [ZLL+20, SDA+14]. Radiology [PV+19].

RAFP-Pred [KNTB18]. Rafts [HBRU13].

Random [ALQ17, ABS17, CMSE+15, CSK+11, Cza18, Gru11, HCMB18, HBC+11, HLHAJ20, ISK18, LHZH17, LVL+19, MGXS15, PGHT12, PLCD17, RW07, WLI3b, WFY+19, WWL+17, XW16, XGWW19, YDW+20, YSW+17, YFWZ18, ZLZ+19, ZHE19, CWZ15, DGR15, GGZZ14, SHK14, SPWF14, YLH+15].

Randomized [AJYT+15, FWXZ19]. Range [HYW08, KL19, MK16, SSKH15]. RANGI [JSK13]. Rank [CDB+16, HLJ20, LC19, LCW+18, WLC18, WLZ+19, XHQ+18, XLL+18, YZG+17, SF+14].

Ranked [DRS12, DR14]. Ranking [AM12, DLT10, EFLA08, LJJ+15, LL19, LGX10, RMV12, RV13, SPMB13, Tsa12, ZLZ06, ZWSX12].

Rapid [PKA20, XLC+15]. rare [LLH+14].

Rarely [LGW20].

Rate [AGMP09, CKRS21, GGP08, GCB+18, HLM+13, HZL+20, JS12, LKY+11, SS04, XSS18, YAB13, ZMT13, CWDS15, ZMT14].

Rate-Independent [CKRS21].

Rates [EW04, HB11, GJY+14].

Rates-across-Sites [EW04].

Ratio [SBW15, WM19a].

Ratios [KMSY20].

Raw [STB+19].

Ray [Str11].

RBioCloud [VPB15].

RBS [HPH+15].

RDCurve [LGX10].

Re [YLS17].

Re-Mapping [YLS17].

Reachability [TBDK15, Gos11, LT17].

Reaction [BBW18, CKRS21, FMRS18, FZWS17, HLM+13, HM13, LR20, MKS20, MDPR18, TLSA18, TZP17, VSR+06, SYV14].

Reaction-Based [LR20].

Reaction-Diffusion [FZWS17].

Reactions [BCFCC13, DB14, XLC+15].

Reactive [GLS+16].

Read [AKLJ17, JZJ17, AKD17, LKW+19, LLL+20, LWS+20, MTM+15, ML18, TED+12, TC16, CWLZ14, FSL+15].

Readable [HLG10].

Reading [GGP08, LJ20].

Readmission [WCC+18].

Reads [CBK20, KKI9, LZZ+20, LLBL20, PS11, STB+19, WLL+20, ZGZ+20, FSL+15].

Real [GPC+20, HG16, LKW+19].

Real-Time [GPC+20, HG16].

Rearrangement [BMM06, BMF13, CZF+05, FM11, HWS+18, MMS10, MS10, ZZS07].

Rearrangement-Based [BFM13].

Rearrangements [BG05, FM13, HBM19, BS15].

Reasoning
[BDS12, BD19].  **Reassortment** [BJ10, BPJ12].  **RecA** [SB12].  **Recalibration** [BM08].  **Receiver** [WLA+13].  **Receptor** [HBRU13, STT+14].  **receptor-ligand** [STT+14].  **Receptors** [ISK18, KAL+17].  **Recipe** [LLX+11].  **Reciprocal** [QLLX10].  **Recognition** [ASJ+07, AV17, FLW12, HLSR18, HGC+20, L20, LCGW19, TGLP16, VKS17, XNYC21, Xu05, ZZYC10, ZCWW19, DPL+14, HK15, MNA14].  **Recombinant** [Wu11].  **Recombination** [BB04, NNSZ07, NLHL17, GJJY+14].  **Recombinations** [PBJ12].  **Recommender** [WLCX18].  **Reconciliation** [GET13, KB17, KB19, LCEMO18, LB19, USMS19, WHBM15, ZZ14].  **Reconciliations** [DHC12, HZR+19].  **Reconciling** [Wil09].  **Reconstruct** [AJD+12, BA18].  **Reconstructibility** [MNW+04].  **Reconstructing** [CW09b, HMW+12, HvIKS11, KP12, NNSZ07, SW09, TBRs11].  **Reconstruction** [BM13, CDB+16, CH11, CXW+13, GPF+20, HAK+12, HWPE17, IGA18, KSM19, LHH18, LLZ+13, LCSW18, PkA20, Roc06, SDB+07, Str11, VMD+08, WYL07, CXS15, HZZT14].  **Record** [GLYYZ21, Jam15].  **Records** [HXXJ18, SGR+17].  **Recovering** [YHC19].  **Rectangular** [GZS12].  **Recurrence** [SMRP15].  **Recurrent** [CC07, HB05, SDH20b, XL16, XLW20, XWF07].  **Recursive** [LXZ20, LHY+11, MT11].  **redesign** [STT+14].  **Redesigned** [NLW+18].  **Reduce** [MTNH17, SSD19].  **Reduced** [BP+13, CLR09c, HZTP12, Nak10, PB12a, SSS+11].  **Reduced-Order** [PB12a].  **Reduction** [BHMA06, LRM08, MBKK18, Pau18, RBdJ11, ST05, SCCDK09, YLC20].  **Reduction-Based** [ST05].  **Redundancy** [FW20, LCC+13, WSX11].  **redundant** [MM14b].  **Reference** [AAH+18, PS11].  **Referential** [WL13a].  **Refine** [XLL19].  **Refined** [LNC+19].  **Refinement** [LCLL10, MDP18, PCDP18].  **Refinements** [BvdGK+11].  **Refining** [WMS09, ZM12, ZZH18b].  **Reformulated** [GLS+16, SPM13].  **Reframed** [GJZH17].  **Region** [BdOS+18, MYCW12, OLS+13, SKDA19, GBTL14].  **Regional** [JQGY21].  **Regions** [BTYC13, CRK+19, CAN+08, HHSC13, LZ18b, MK16, MCCZC08, PWT10, SSS20b, TWG+12, YWNC07, ZKP+07].  **Registration** [MCRC17].  **RegNetC** [NCMAR15].  **Regraft** [WM19b].  **Regression** [AGGM11, AAT20, BTTR11, BEQD19, CSK+11, EMDH11, FYS12, GCB+18, JHW+19, LW19b, MLZ18, PSIM17, PNP+18, QL09, ST05, ZLLL11, TGGF10, WXW120, WP08, YZG+17, YLH+15].  **Regular** [ARM+19, SNM12, Wil11].  **Regularisation** [DCM20, HLHAJ20].  **Regularization** [JHX17, LCW+18, MHHJ20, ZYW+13, JHX15].  **Regularized** [EZW+17, LX21, LWG+18, MLZ18, TGGF10, WLG+16, WCA+19, WLZ+19, ZDL12, ZLH+17, WXW120, CR14, Mir14].  **Regulating** [MV+13].  **Regulation** [BCL+13a, DS19, DBTB09, Gou06, KCC15, LCH19, LLA19, PAAG07, WMAW12, KD16].  **Regulations** [LCZN16].  **Regulators** [HL16].  **Regulatory** [ARK20, AOSN+18, AGAS18, APPG18, BGHC20, BMK11, BGS+12, BA18, CDB+16, CXW+13, CMMZ20, CHW+18, EAS13, FZWS17, FWXZ19, FKB19, FSD+11, GPZ20, GHL05, HL16, HLY+16, INT11, IBN19, IL18, JSS+18, JS+18, KBNHD18, LL1, LCZN16, LT07, LHC18, MTSCO10, MSS19a, MP+20, NRV09, NI07, NSNN12, PB12a, PM20, PCDP18, PkA20, QD12, RC11, RST10, RRTB12, RMS15, SV16, SPA17, TAAP11, VRK12, WLL+09, XWF07, YCMM12, YGY+19, ZZK18, ZM12, ZW16, ZWCH19, ZSD08, ZZH18b, dJP08, CZWT15, DYD15, GGZZ14, KKC+14,
LLL16a, MM14a, RHH16, ZWC15.

Reculon [OMaD+12]. Reinforce [TDZ+19]. Reinforcement [IBN19]. Reject [QBPEL12]. Rejection [YBG10]. Related [AC12, FFT16, HYR+19, JZSZ12, JZZQ19, MYCW12, PL17, PZHH20, RYK+19, WWC18, XYYZ20, MFS+15, SFH+14, TAh14].

Relation [ZY+19]. Relational [KHO+20, RBdIVPG16, SKD+07, GJPVS14]. Relations [HL16, NAHT+20, HK15].


Relevancy [MJN11]. Reliable [TBC18, GJY+14, SDAA+14, WLCX18].

Remodeling [PLMV12]. Remote [LL19, LGGW19, LGB15, LCB17, Sen19, DGR15].


RENNSH [MRB12]. REP [MPG18].

Repairing [CDB+16]. Repeat [KVX12, ZKP+07]. Repeated [PCG95].

Repeats [CW09b, SS06a, TAD+09].

Replacement [MRK18]. Replicated [LLHF15, SVZ09, SGK12, ZAZ1].

replicates [PJM+14]. replication [RB14, SSM15].

Reports [PvR+20].

Repositioning [LWL+19, RV13, WCQ+19].

Repräsentation [CZ20, CL08, GTL+21, HLDZ17, JLLH16, JXH17, KY19, LCB17, LW13b, QDZ+21, SSDN12, WLHY19, WLZ+19, WCLY20, XH+18, YXS16, YZG+17, ZLW+11, ZZN+11a, SXL+14].

Representations [DLRW18, SGR+17, ZYN+19].

Representative [IMA13]. Represented [SSS+11]. representing [KGA14].

Reproducibility [EFLA08].

Reproducibility-Optimized [EFLA08].

Reprograming [MSP+19]. Repurposing [WLCX18]. requirement [DNR15].

Reranking [YHY+12]. Resampling [LHFL15]. Rescue [DSZ+06]. rescuing [FSL+15].

Research [BPRZ11, CIZ12]. HMZ17, HLSR18, MPZ07, MPZ08, MPSZ09, MWZ13, MSZ19b, MNZ10, MSS+13a, UBP+19, CEG14, SVM14]. Reserve [BS08].

Residual [FSX19]. Residence [CD08, GBLZ14, MGXS15, MZS+16, TRBK08, TRBK09, ZG19, ZLX+20].

Residue-specific [GBLZ14]. Residues [CWL12, CDKT09, GLW12, HLZ+17, KSK+18, LBL12b, MGL+12, WZ13a, YZG+19, ZCG+18, FLW+14]. Resistance [AHT+18, DCM20, KS18, MZ17].

Resistant [JGW+21]. MWD11, FN14].

Resists [RKDR10]. ResNet [YKG+21].

Resolution [CYL+21, DPW12, HCLS11, LDS+07, MRB12, MKS+17, CV14].

Resolving [MBJ19]. Resonance [AAG+18, WL07, CZB+16]. Resource [LHG+16, NSA19, ZS18].


Responses [KG12, TWZ+14]. ResSeq [FSL+15]. Resting [JHZL19].


Reticulate [CW12].

Reticulation [vLJJ+20].

Retículo [LL19].

Retrieval [vIJJ21].

Retrovirus [WWT+20]. Reusable [HT10].

Reveal [QTZ15, WL14]. Revealed [CBM+20]. revealing [MEOL14]. Reveals [LGN+19, WWC18, YCCY20, YCCM12].
Scalable [BZ08, GZG17, GMP08, KG20, PZS+20, SDAA+14]. Scale
[ALR+13, BBH+18, DSHM08, DWSB11, FWXZ19, GJZH17, GSV+18, GHL05, HAK+12, HZW+17, HLX+21, JGBR15, JLYZ16, LFK16, LSM+21, LSY+20, MAP15, MKKS20, OC13, PZS+20, QBPEL12, SSS20a, SDH20b, TBR313, YLL+06, ZZF+19, IM14, SHK14]. Scale-Invariant
[LSY+20]. Scale-Space-Based
[AC12]. Scaled
[FLW12, ZZCY10]. SCS
[FLM, BG05, Bro05, CCA12, CBFB12, DBR07, FLM+16, FS18, HZZY16, LFS06, LTaS13, ME19a, ME19c, MSS13b, MWSM12, N07, PG12, SZ11, SS04, Sni09, SMSZ17, SJNS19, SB09, TDY+18, Zha07, ZWcF17, ZKW19, dJP08, CM15, DGRC15, KFHK14, LMZ14, SHK14, SSKH15, Tam14, YHV+15]. Scattered
[AM12, Csu04, ZCWW19]. Schizophrenic
[AC12]. Schmidt
[GZG17]. Scientific
[HVD18]. SCJ
[FM11, LLT+19]. SCP
[AV12]. scope
[HWK14]. Score
[JNST09, Roc11, Tsa12, LLL+14]. Scores
[CLST+13, SSK+20, WOYL17, XPH20, ZLLZ17]. Scoring
[AM12, Csu04, GZFT15, JlwC11, JBGlS19, KKO8, LLZ+20a, MSKlC19, PSS+15, AM15, OFC+14, RB14]. Screening
[HF07, RAA20, SDTK19, UJ09, GCC+14, KKC+14]. Screens
[STB+20]. SCS
[FIW12, ZZCY10]. SDE
[MCH+15]. SDMF
[SB16]. Search
[AKS13, ARP+16, BG05, Bro05, CCA12, CBFB12, DBR07, FLM+16, FS18, HZZY16, LFS06, LTaS13, ME19a, ME19c, MSS13b, MWSM12, N07, PG12, SZ11, SS04, Sni09, SMSZ17, SJNS19, SB09, TDY+18, Zha07, ZWcF17, ZKW19, dJP08, CM15, DGRC15, KFHK14, LMZ14, SHK14, SSKH15, Tam14, YHV+15]. Searches
[BEW09, CW07, CWDS15]. Searching
[DWZ+15, GZC+17, KP12, MWL+12, RBdlVMPG16, TZY11, ZHEB05]. second
[BCM15]. Secondary
[AS05, AL12, BRZ+17, CC07, CGPW06, HVG04, Jia10, KAP+12, LZZ+16, LBQ+13, NA11, NZR11, NSAH19, RP13, TW10, WDH08, WHS04, ARZ+14, SEC15]. Secreted
[SSS+11]. Secretion
[RSCX18, SZZCX19]. Secretary
[ADAF+10]. Section
[BLP18, BPW17, BPRZ11, Cas07, CZ12, FS12, FS13a, FJ118, GH08b, GJH19, Gus09b, GM16, HZM17, HBG16, HBG17, HBG18, HBG19, HBG20, HMS09, KJ04, KJ05, MPZ07, MPZ08, MPSZ09, MW13, MSZ19b, MNPZ10, MJ18, RZF07, TS17, TS18, TH18, WYWX16, WLYW17, YS17, ZC15, dSK13, CEG14, LW15, MKARB16, PR14, SA15, XHS15]. Sectional
[WGK16]. Secure
[JHW+19, RTPM+19, SAM+19, SJNS19]. SecureLR
[JHW+19]. Security
[AIS+16, AJM18, RCP+18, Sen19, KSA16, MKARB16, ANT19]. Seed
[HAH13, LLH+17]. Seed-Extension
[LLH+17]. Seeded
[ELPR+08]. Seeds
[Bro05, RGN+09, TC16, Zha07]. Seeks
[Ano12b]. SeeSite
[LKLB14]. SEGA
[MKH11]. Segment
[Csu04, ZCWW19]. Segmental
[CGPW06, FM12]. Segmentation
[ALR+13, DPA+17, HLX+21, JGW+21, PWT10, DPL+14]. segmentation-based
[DPL+14]. Segmentation-Free
[ALR+13]. Segmented
[BJ10]. Segmenting
[BdOS+18]. Segments
[YXS16, NYOL15]. Seizures
[ZHG20]. Select
[KCP18, LLZC12, WB11]. Selected
[Cat17, HCQ14, Kim18, LC10, YGFC20, AS15]. Selecting
[HKS11, KTLM15, LLC+15]. Selection
[AV17, AWW18, AMHH16, AAT20, ASI11, ACWW05, ACWW07, BHHMCL16, Bon07, BS08, BCL13b, BHP19, CLV+20, FYSM12, GZG17, GCB+18, HYW+17, HLL+18a, HLN20, HDS+18, HC07, LTM+12, LH10, LLC+13, LW17, LDM18, LPH+13, LW19b, LH19, LSB+11, LHY+11, MT11, MCRC17, MCHT17, MTF+11, NPD+17, NO09, OLZ11, PGHT12, PBhlL+11, RM13, SMRP15, SLX+18, SIM12, SZLL11, TZH07,
TZ16, WSX11, WL13b, WLG+16, WX5+19, WWC18, YM11, YZG+19, YHB12, ZLPW16, ZwGC17, ZCR+17, ZRK19, ZKL18, ZWY+10, BCLC15, HRHP16, HLW15, LLRZ15, LJJ+14, MZL15, MMSH14, WFD15, YCY+14. **Selectivity** [VKS17].

**Self** [CJC+12, GF10, LYL+17, WZA07, WMWA12, XHQ+18, YWK+07, YM11, YM12].

**Self-Adaptive** [YWK+07]. **Self-Assembly** [CJC+12]. **Self-Boosted** [WMWA12].

**Self-Interacting** [LYL+17].

**Self-Nestedness** [GF10]. **Self-Organizing** [WZA07]. **Self-Regulation** [WMWA12].

**Self-Training** [XHQ+18]. **Semantic** [CLH+15, DKDD10, DBK18, GM16, IQA18, JZL13, MCC16, SSP+05, XLL19, YFWZ16, HK15, JC15, SLS+14]. **Semantic-Based** [GM16]. **semantically** [Tah14]. **Semantics** [FMR18, GzS11, HS09b]. **Semi** [AMHH16, DGV+17, HF12, JML12, KL11c, YCY+14].

**Semi-Automated** [DGV+17].

**Semi-Markov** [KL11c]. **Semi-Supervised** [AMHH16, HF12, JML12, YCY+14].

**Semiglobal** [COW20, MKH11].

**Semisupervised** [FSMJ05, KC11, LHLY11, LTL+07, XAW07].

**Sense** [HVD18]. **Sensing** [CZ17, Kar12b, MDM13, GFG16].

**Sensitive** [HB11, MKG20, Wan12, WCC+18, WZ13a, LJJ+14]. **sensitivities** [SYV14].

**Sensitivity** [ATA+17, HYW+17, PSIM17, WXWL20, XZG+18, BHW+14].

**Sensitivity-Based** [XZG+18]. **Sentence** [NAHT+20]. **Separability** [MT11, UC10].

**Separable** [LWZ12]. **Separated** [Pol13].

**Seq** [LLY+19, LTRW19, CBK20, LHN+14, AALD17, CCM+18, LXC+16, STB+19, WS12, ZGDH16, ZFZ+20]. **Seq2seq** [KK120].

**SeqDB** [How13]. **Sequence** [AH11, AGMP09, BAK06, COW20, CCYW12, CLW13, CHZ+16, CWLS15, CPWP06, DSZ+06, DK17, DK13, FS18, HB05, HZTP12, HT09, HPL+13, HLZ+17, HYZ16, HLG10, IGM+07, IQA18, JML10, KPP19, KCD+12, KS18, KK08, Kuk13, KMG+05, LN17, LPH18, cLWA07, LCGW19, MVL+12, MGL+12, NNSZ07, NP13, NSSLK15, PLF12, PS11, POS+18, PF09, RW07, RCM+19, dSRCT+11, SLH+06a, WLMW+11, WYHD17, WX5+19, WZ13a, WCXL18, XHY+18, YZG+19, YHZ+19, YH13, ZANN20, ZWcF17, ZLX+20, CV14, GJPS14, MBS15, PSK+15, STT+14, SPWF14, YTL15]. **Sequence-Based** [CHZ+16, HLZ+17, LPH18, MGL+12, WX5+19, WZ13a]. **sequence-independent** [PSK+15]. **Sequence-Order** [LCGW19].

**Sequence-Specific** [AH11]. **Sequences** [Bi09, CW07, CZ20, CFOS06, CWLS15, CLS19, CAN+08, CHK17, DSVMM18, FM12, HC17, HDZ17, HLH11, JDL20, Kar12a, KWL07, KC11, KT07, LPH18, LLW+11, LYL+17, MRK18, M12+07, PFJ+19, RH05, RFFP+20, RL04, RA16, SIK20, SLH06b, TED+12, WL13a, WKLL12, Wan12, WCLY20, Wn11, WZWS16, GZG+20, CR14, DKS+15, GAVRRL15, LZGZ14, WLY+14, YICW+15]. **Sequencing** [AKR12, BBN18, CH11, FS13b, HG16, AKD17, KSS15, Kur13, LMZL17, ML18, OLS+13, PNP+18, Pre04, TWW+20, WM19a, WPL15, YKW17, YWW+20, ZZ20, FSL+15, WLC+15, XZY+14].

**Sequencing-by-Hybridization** [Pre04].

**Sequential** [AKV16, KCZ+15, MSP+19, WL07, YLL+06, ZWZ16]. **Serial** [WZA07].

**Series** [BMK11, EAE13, HAH13, KSB12, KMG+05, LLL15, MTSCO10, PH10b, RMS15, SC11, WLL+09, WGP11, ZZKW18].

**Serum** [RTA+16]. **Server** [XY320, LBL+10]. **Services** [KPP19]. **Set** [AFWA+11, BGHC20, BSV10, DRS12, FLAM15, HYY11, HMK+07, LHZ18, NLGG12, SMSZ17, WYL07, XLZ+15, YSC13, YNY+18, BM15, DB14, MZL15, WLG+14].

**Sets** [AJD+12, BKP+19, BMHS13, BOV+13, Csu04, DAW18, DK17, DG19, GL10, HS08, HC07, KNS+05, KBSCZ12,
LWS+20, OMWX09, PAS+11, Pol13, RBdIVMPG16, RGCBo5, SSS+11, SMK+12, UC10, WZZ+18, WCQ+19, YC08, ZWW17.

Several [FM11]. Shannon [DGH+06].

Shape [ADP11, ADPH13, ARP+16, DZA+06, GAGM11, Mat07, Str11].

Shape-Structure [DZA+06]. Shaped [AKS20, BG13]. Shared [JGW+21]. Sharing [NGY+16, WAG19].

Shaving [GLG10, SDCW11]. Short-Term Significance [AH11, MS17, PB19, QDZ+21, WL13a].

Signaling [HLLO19, LCH19]. SimBioNeT [DFTC12]. Similar [AFJ12, LBL12b, MP13, PB19, QDZ+21, WL13a].

Similarities [CWLS15, LWL+18, VSKJ11, YWN+19, YDW+20]. Similarity [ARP+16, CC11, CLW13, DBK18, FS18, HC14b, HLDZ17, HYZ16, IQA18, KPW13, MQOH21, MS17, NWZ+20, NWW19, PKM06, QDZ+21, RBdIVMPG16, SZZ+19, STD20, SSP+05, WLZ+09, ZHI17, ZKW19, ZDYH17, BM14, CM15, JC15, KFH14, LMZ14, SLS+14, YTLL15].

Similarity-Based [STD20].

Similarity-Constrained [NWW19].

Simple [GDM12, MWL+12, PK13, GIPS14, IM14].

Simpler [CMS12]. Simplification [WZ13b].

Simplified [BBK+07, FS18]. Simplifies [FM11]. Simulated [BA18, TW10].

Simulating [BBH+18, SH11a]. Simulation [BU17, CP13, CHC11, CLW13, DBK18, FS18, JGMR15, KAL+17, LKWL+19, LZZ+16, MS11, MBGP12, PTM+19, PZS+20, SJZ19, TZP17, ADTAQ16]. Simulations [ACCT20, CNM11, Dem12, LR20, RFA+16, SCM19, KD16].

Simulator [DFTC12, VdTVV19]. Simultaneous [CDW12, THL11].

SINE [AD12]. Single [ABS15, BFM13, CSSS16, CBM+20, GGP08, Gou06, KBND19, KK20, LLH18, SSS20a, WWLL16, XWC15, ZLXL19, ZZ20, SXL+14].

Single-Cell [CSSS16, CBM+20, KBND19, ZZ20].

Single-Center [ZLXL19].

Single-Cut-or-Join [BFM13].

Single-Dimensional [WWLL16]. singleton [KH14].

Singular [FWXZ19, LL16b, XL16, YW+07].

Siphon [BS18]. siRNA [QL09]. Site [CHZ+16, JFR+19, JWL17, KCD+12, KL11a, MWZY17, WLL13]. Sites [BYZ+18, BCVS19, EW04, GLW12, HHL+20, Kar12a, LPH18, LFF18, NHH+17, PLF12, QWC+16, SDH20b, SMB15, WXS+19, WHK07, WPL15, Wu10, XW16, ZHZ19, PSK+15, RB14].

Situ [LHCL20].
SVM-Based [DLT10, JXN+16].
SVM-RFE [TZH07]. SVMs
[HLZ+17, ZYW17]. Swam
[ALWG18, CYTY13, GSX+18, HGM18,
KP12, LYW20, NDP+17, NHTM17, SIK20,
TS17, TS18, TDY+18, WZZ+18, XWF07,
XAW07, ZwGC17, SWPF14].
Swarm-Based [TS18]. Swine [BPJ12].
Swine-Origin [BPJ12]. Switch
[KG12, WLY15]. Switch-Like [KG12].
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Symbiosis [NHTM17]. Symbiosis-Based
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Synchronous [DT11]. Syndrome
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SynPAM [SGC07]. Syntenic [SZZ+19].
Synthesis [BBK+12, CL15, ZMST18].
synthesizing [CL14]. Synthetic
[GLYZ21, LWL+20, ZLZ+19, KG15].
System [AAG+18, CWT+19, CLM10,
CHZ+16, FJJ18, LW12, LGZ+17, LBL+10,
MIC+07, MWD11, RSCX18, SYM+10,
STD20, SJS19, TNQ08, WMWA12,
WLCX18, XTLL12c, CWLZ14, GRDV14,
MZL15, TAYA15, TAL+15]. Systematic
[BDS12, HPH+15, MBP+19, MM+4a, ZI13].
Systematically [WLHY19]. Systems
[ACCT20, BLP18, BMZM15, CSW11, CN12,
DGV+17, FS13a, FKL507, GDWK+15,
GJH19, JGPR15, JFN11, LR20, LLH+07,
MZ17, MS11, Maz12, MVS+13, MPKvH09,
MDM13, PFJ+19, PB12b, SH11a, SdOD+12,
SJZ19, SNO08, SGH12, TC13, Wig15,
WH11, Zha16, GPScF15, Gu16, JZCZ15,
KSA16, KG15, SYV14, WLY15, ZSY+14].

T [YBGB10]. T-Cell [YBGB10]. Tables
[FS18, PHX+08]. Tag [CJA12]. Tailed
[NVSH18]. Taking
[MSH+11]. TAME [MGKLG17]. Taming
[MPQY19]. Tandem [BBN19, BG05,
BKRI19, CW09b, HCMB18, KSS15, S06a,
ZGC+05, ZWD+17, CWZW15, YM+12].
Tangible [dNG17]. Tanglegrams
[MBKK18, VASG10]. Tardiness [SS20a].
Target [CGW+16, CGW+18, EZW+17,
GZR+18, IG+07, LH20, LC19, LX21,
MKG20, PSPM20, SFM18, SSP+17,
VKS17, DB14, FHRG14]. Targetability
[MSJ19]. Targeted
[DMD13, FY+19, WLCX18]. Targeting
[PG12]. Targets
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Task-load [ZYW17]. taxa [BM15].
Taxonomic [CHL+12, LW13a]. Taxonomy
[CBK20, QTZ15]. TBC [ZC15]. TBR
[BE08]. TCBB [Ano09b, Ano10b, Ano13d,
Ano13b, Ano13c, Gus09b, KL11b, SA15].
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MC117, RdMCBC13, SDA+06, TRKRC13,
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Tetrameric [CMC+12]. Text
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Texts [HVD18, NAHT+20]. tgMC
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[MVW+13, TRKR13, WWL19]. Their
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GBS11, GLW12, VRK12, ZSD08, CA14].
Theoretical [BCL13b, CHK17, MWD11].
Theory [BDP11, BD19, LQV+13, NWZ+20,
SK19, SDB+07, BF14, MZL15].
Therapeutic [JV13], therapeutics [JR14].
Therapies [BRS18, MPF12, NTC007].
Therapy
[SSK+20, VDS+20, WLXC18, KPB14].
There [DFM+11]. Thermodynamic
[BCD+21, DPW12, TSM14, ZL15].
Thinning [ZWS+18]. Third [MVVR19].
Thomas [KS12]. Thread [LZL+20].
Three [CHC+05, DZA+06, PLC17,
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ZZ15, ZMC+14]. Three-Color [TY11].
Three-Dimensional
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ZD17, BF14, ZMC+14]. Threshold
[BMH+16]. Thresholded [HAH13].
Thresholding [DDS+17]. Thresholds
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Kur13, LW18, LJL+15, MJPP20, MDM13,
YP13, ZHZ18a, GCC+14, XZY+14]. Tianhe
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Tikhonov [DCM20, Mir14]. Tiling
[BCL13b, HKS11, LLYS21, SK08]. Time
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GPC+20, HAH13, HG16, IVA11, JSS+18,
JZS+18, JST09, KCCCC15, KSB12,
KMG+05, LCNZ16, LLL15, LCC+11,
MTSCO10, OMD+12, PTH+18, PH10b,
PRU11, Pol11, PKA20, RFB20, RMS15,
SH11a, SCSS05, SC11, SHUP19, TZP17,
Vis18, WL+09, WGP11, YC08, ZWKW18,
ZWHC19, vLJ+20, CZWT15, GM14,
SSS+15, WLY14, ZWC15]. Time-Course
[EAS12]. Time-Courses [SCCSS05].
Time-Delay [JSS+18]. Time-Delayed
[JZS+18, LCZN16, LLL15].
Time-Dependent [AKV16]. time-lagged
[GM14]. Time-Lapse [DST15a].
Time-Series [EAS13, LLL15, PH10b,
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ZWC15, ZWC15]. Times [EW04]. Tissue
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ZHE19]. Tissue-Specific [ZHE19]. Tissues
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IL18, JKN+12, LTAS13, LMPT15, LLL+20,
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Topologically [ZHS+20]. Topologies
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BDB15, DST+15, LLW+15].
Topology-Based [LLH18]. Torsion
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Two-Stage [HLL+18a, HHYH07, HGC+20, TZH07, ZWM+20]. Two-State [MPY18].
txCoords [YLXS17].
Type [CLZ+18, UKV18, WCLY20, ZZ13]. Types [WMK16, ZLF+21].
Typing [AKNB07, BBSP08].
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Ultra-High [ZKL18]. Ultrasound [FYZ+19].
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Unlabeled [CZW+18]. Unparametrized
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Unravelling [dNG17]. Unrelated [BZ08].
Unrooted [ADR18, BG12, CBFB12, GET13, WM19b].
Unscented [MNND13]. Unsigned
[CBWL18]. Unsupervised
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update [ZWL14a]. Updates [HT09]. upon
[CSW11, KJ120]. upstream [BS15].
Usage [LSMF08, MNO9]. Use [ALWG18].
Used [LZW21, Pol11]. Using
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[LNW20, LLL15, LT07, MNR09, MGXS15, MTSCO10, MTN17, MSB19, MK16, MBP+18, MCCZ08, MIC+07, MSKC19, MFF+18, MWS12, MG07, MDM13, NSA19, NW19, OC13, PHT12, PL09, PR18, PLCW17, PPGF20, PFG18, PN17, QBPEL12, RL020, RM313, RTA+16, RFFB+20, RICCGW09, RP13, RZ16, RBdJ11, RA16, SKDA19, SP11, SLGK17, SMR15, SB12, SBW15, SSV+19, SYZ+13, SSM18, ST05, SDH40a, SDCW11, SSD+16, SAK+21, SSP+17, SKD+07, SR06, SZLL11, SGH12, TIA+11, TGGF10, TZ01, TED+12, TW10, TAI+19, TWZ16,
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Shaohong Zhang, Hau-San Wong, Ying Shen, and Dongqing Xie. A new unsupervised feature ranking

**Zheng:2017:AOI**


**Zhang:2016:LPL**


**Zhu:2010:FSG**


**Zhang:2016:MCS**


Zhao:2011:ASM


Zhang:2018:CDE


Zhang:2018:DEP


Zhang:2020:PEP


Zhao:2020:MN


Zhou:2018:STM

Xichuan Zhou, Fan Yang, Yujie Feng, Qin Li, Fang Tang, Shengdong Hu, Zhi Lin, and Lei Zhang. A spatial-temporal method to
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**Zhou:2019:CCK**


**Zhang:2017:PCI**


**Zhou:2013:MAD**


**Zhang:2013:SAM**


**Zheng:2014:EIL**

Zhang:2015:NMD

Zhang:2018:DMD

Zhang:2020:CCM

Zhang:2020:WSC

Zhang:2019:IMH

Zeng:2010:SSC
Zhu:2013:ISI

Zhu:2013:IDB

Zhang:2019:KLS

Zhang:2018:DED

Zhu:2018:LLM

Zhang:2019:HOC
Qinhu Zhang, Lin Zhu, and De-Shuang Huang. High-
Zamanighomi:2018:GRN


Zhang:2017:AIB


Zheng:2011:MBS


Zheng:2011:MPD


Zhang:2015:FMA


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